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Cpt. 2

# WATER SUPPLY OUTLOOK FOR IDAHO

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RIDGEVIEW SECTION  
CURRENT SOIL RECORDS

APR 15 '74



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

IDAHO STATE DEPARTMENT OF WATER ADMINISTRATION

Data included in this report were obtained by the agencies named above in cooperation  
with Federal, State and private organizations listed inside the back cover of this report.

AS OF  
APR. 1, 1974

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Snow Surveyors near Ship Creek,  
Alaska snow course.*

SCS PHOTO A-272-11

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 511 N. W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

| STATE              | ADDRESS                                                             |
|--------------------|---------------------------------------------------------------------|
| Alaska             | 204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501                 |
| Arizona            | 6029 Federal Building, Phoenix, Arizona 85025                       |
| Colorado (N. Mex.) | P. O. Box 17107, Denver, Colorado 80217                             |
| Idaho              | Room 345, 304 N. 8th. St., Boise, Idaho 83702                       |
| Montana            | P. O. Box 98, Bozeman, Montana 59715                                |
| Nevada             | P. O. Box 4850, Reno Nevada 89505                                   |
| Oregon             | 1218 S. W. Washington St., Portland, Oregon 97205                   |
| Utah               | 4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138 |
| Washington         | 360 U.S. Court House, Spokane, Washington 99201                     |
| Wyoming            | P. O. Box 2440, Casper, Wyoming 82601                               |

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



# **WATER SUPPLY OUTLOOK FOR IDAHO**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

*Issued by*

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# WATER SUPPLY OUTLOOK for IDAHO



## GENERAL SUMMARY FOR APRIL 1, 1974

The water supply outlook for 1974 is good to excellent throughout Idaho. Forecasts of streamflow for major drainages vary from 106% of normal for the Bruneau River to 183% of average for the Big Wood River. Forecasts for smaller drainages vary from 87% for Montpelier Creek to 170% for Inflow to Oakley Reservoir.

In general, snowfall during March was above normal at the higher elevations throughout the state. Measurements taken during the first week of April established new record snow-water equivalent values for thirty snow courses in Northern and Southwestern Idaho watersheds and on the Henrys Fork and Teton drainages. The Lost Lake snow course on the Clearwater River measured 23½ feet of snow with a record 89.0 inches of water. On the Boise-Payette-Salmon drainages, new records were established on the Big Creek Summit, Deadwood Summit, Trinity Mountain and Atlanta Summit snow courses. Many other courses are at near record levels. The snowpack ranges from a low of 89% of normal on the Fish Creek drainage in Southcentral Idaho to 164% of average on the Palouse watershed in the northern panhandle.

Valley precipitation during March was above normal in all areas of the state, ranging from 123% of average in the Clearwater River division to 235% of normal in the Upper Snake River division.

The combination of precipitation and lower elevation snowmelt produced considerable runoff during March which would normally occur later in the spring. Streamflow throughout the state was well above normal and classified as excessive for all major drainages. Soil moisture is good to excellent.

Reservoir storage in general is average or above. Many reservoirs are being drafted to provide space for expected high flows during the snowmelt runoff period. All major reservoirs are expected to be filled for the start of irrigation.

The heavy snowpack existing over most of the state poses a definite potential for high volume runoff on many watersheds. A combination of warm temperatures and rain or a chinook wind could cause flooding in several areas of the state.

## VALLEY PRECIPITATION 1/

## Division Averages and Departures

In Inches

| DRAINAGE<br>DIVISIONS    | Winter<br>March 1974 |              | Fall - Winter<br>Nov. 73 - Mar. 74 |              |
|--------------------------|----------------------|--------------|------------------------------------|--------------|
|                          | Observed             | Departure 2/ | Observed                           | Departure 2/ |
| Kootenai, Canada & U. S. | 2.68                 | +0.83        | 21.24                              | + 7.12       |
| Flathead                 | 2.62                 | +1.02        | 16.29                              | + 5.16       |
| Clark Fork               | 1.33                 | +0.58        | 7.05                               | + 2.10       |
| Pend Oreille-Spokane     | 4.00                 | +1.26        | 32.17                              | +13.42       |
| Upper Snake              | 3.57                 | +2.05        | 14.43                              | + 4.32       |
| Snake River Plain        | 1.67                 | +0.90        | 6.50                               | + 1.59       |
| Salmon-Payette-Boise     | 3.86                 | +2.10        | 19.26                              | + 7.22       |
| Clearwater               | 3.48                 | +0.65        | 20.66                              | + 5.02       |
| Owyhee-Malheur           | 1.28                 | +0.42        | 6.81                               | + 1.18       |

1/ Preliminary analysis and data by the National Weather Service and Meteorological Service of Canada.

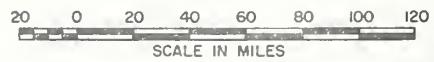
2/ Departure from 15-year (1958-72) drainage division average.

## COMPARISON of SNOW COVER

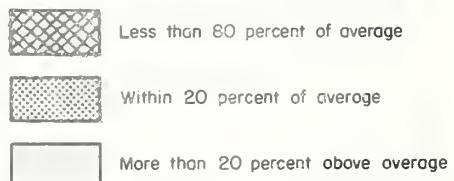
| RIVER BASIN WATERSHED                       | NO. OF COURSES<br>AVERAGED | THIS YEARS SNOW WATER<br>EXPRESSED AS PERCENT OF : |                 |
|---------------------------------------------|----------------------------|----------------------------------------------------|-----------------|
|                                             |                            | LAST YEAR                                          | 1958-72 AVERAGE |
| <u>UPPER COLUMBIA RIVER BASIN</u>           |                            |                                                    |                 |
| Kootenai River                              | 27                         | 187                                                | 139             |
| Pend Oreille River                          | 88                         | 191                                                | 128             |
| Clark Fork River                            | 60                         | 196                                                | 129             |
| Flathead River                              | 28                         | 184                                                | 127             |
| Priest River                                | 4                          | 203                                                | 142             |
| Spokane River                               | 16                         | 261                                                | 137             |
| <u>LOWER SNAKE RIVER BASIN</u>              |                            |                                                    |                 |
| Palouse River                               | 4                          | 830                                                | 164             |
| Clearwater River                            | 22                         | 201                                                | 124             |
| Salmon River                                | 23                         | 194                                                | 144             |
| Lemhi River                                 | 6                          | 198                                                | 147             |
| <u>MIDDLE SNAKE RIVER BASIN - Northside</u> |                            |                                                    |                 |
| Little Lost River                           | 5                          | 160                                                | 133             |
| Big Lost River                              | 6                          | 174                                                | 132             |
| Fish Creek                                  | 2                          | 91                                                 | 89              |
| Little Wood River                           | 4                          | 157                                                | 130             |
| Big Wood River                              | 10                         | 202                                                | 144             |
| Canyon Creek                                | 1-2                        | 146                                                | 122             |
| Boise River                                 | 14                         | 200                                                | 144             |
| Payette River                               | 16                         | 190                                                | 141             |
| Weiser River                                | 2                          | 175                                                | 147             |
| Mann Creek                                  | 4                          | 157                                                | --              |
| <u>MIDDLE SNAKE RIVER BASIN - Southside</u> |                            |                                                    |                 |
| Raft River                                  | 7                          | 111                                                | 136             |
| Goose-Trapper Creeks                        | 2-3                        | 129                                                | 152             |
| Salmon Falls Creek                          | 11                         | 96                                                 | 111             |
| Bruneau River                               | 5                          | 95                                                 | 103             |
| Owyhee River                                | 5                          | 95                                                 | 120             |
| Jordan Creek                                | 4                          | 170                                                | 135             |
| <u>UPPER SNAKE RIVER BASIN</u>              |                            |                                                    |                 |
| Snake Basin - Wyoming                       | 20                         | 171                                                | 135             |
| Camas-Beaver Creeks                         | 3                          | 140                                                | 120             |
| Henrys Fork River                           | 8                          | 170                                                | 145             |
| Teton River                                 | 2-11                       | 136                                                | 151             |
| Willow-Sand Creeks                          | 7                          | 100                                                | 115             |
| Blackfoot River                             | 3                          | 101                                                | 106             |
| Portneuf River                              | 4                          | 115                                                | 116             |
| <u>GREAT BASIN</u>                          |                            |                                                    |                 |
| Bear River - Upper                          | 11                         | 130                                                | 110             |
| Bear River - Lower                          | 19                         | 116                                                | 118             |
| Montpelier Creek                            | 4-6                        | 113                                                | 90              |
| Mink Creek                                  | 5-7                        | 117                                                | 90              |
| Cub River                                   | 3                          | 134                                                | 126             |
| Malad River                                 | 4-6                        | 73                                                 | 103             |

**SNOW WATER DEPTHS**  
**As percent of 1958-72 15 year average**  
**APRIL 1, 1974**

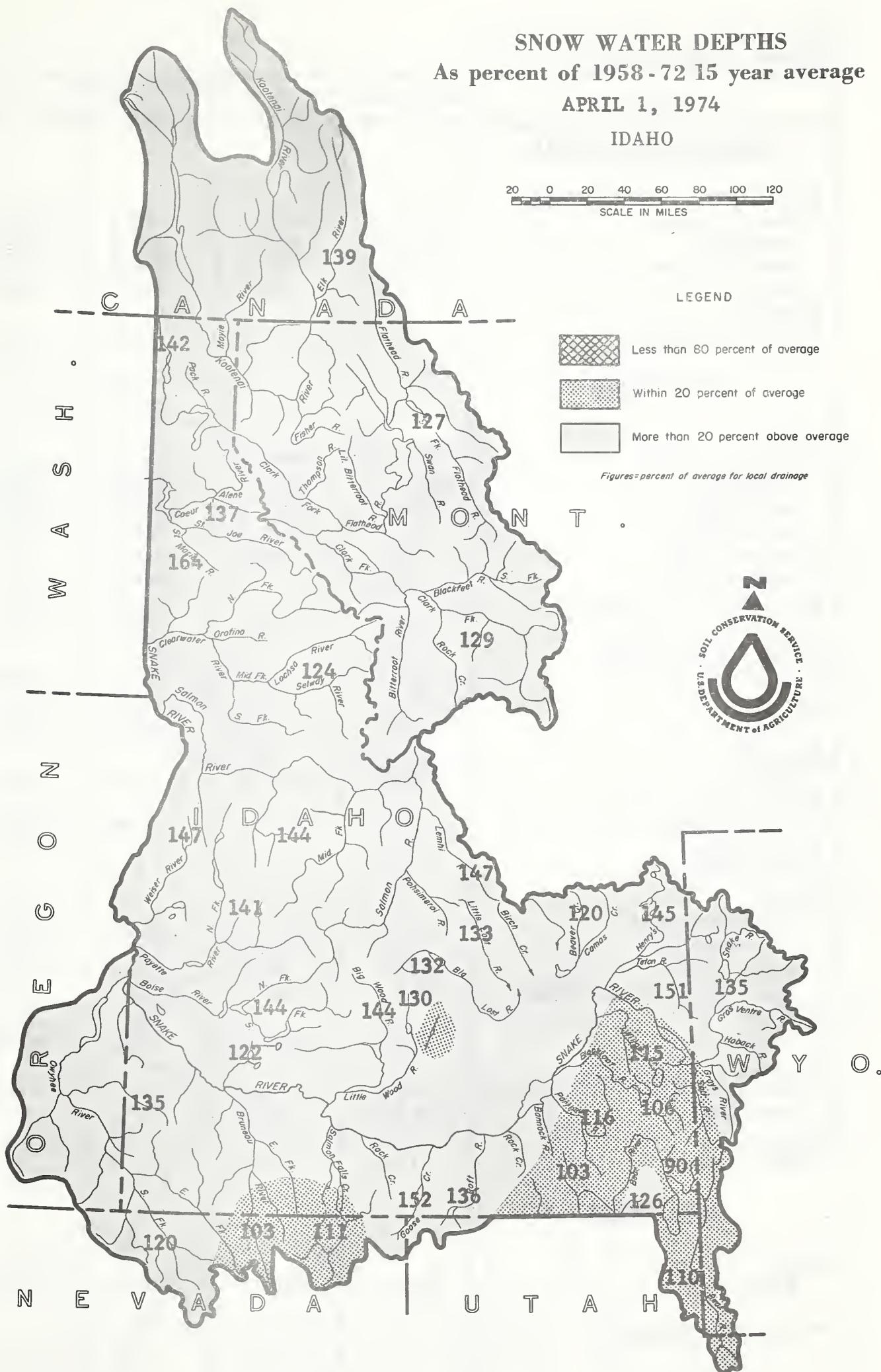
## IDAHO



## LEGEND



Figures = percent of average for local drainage



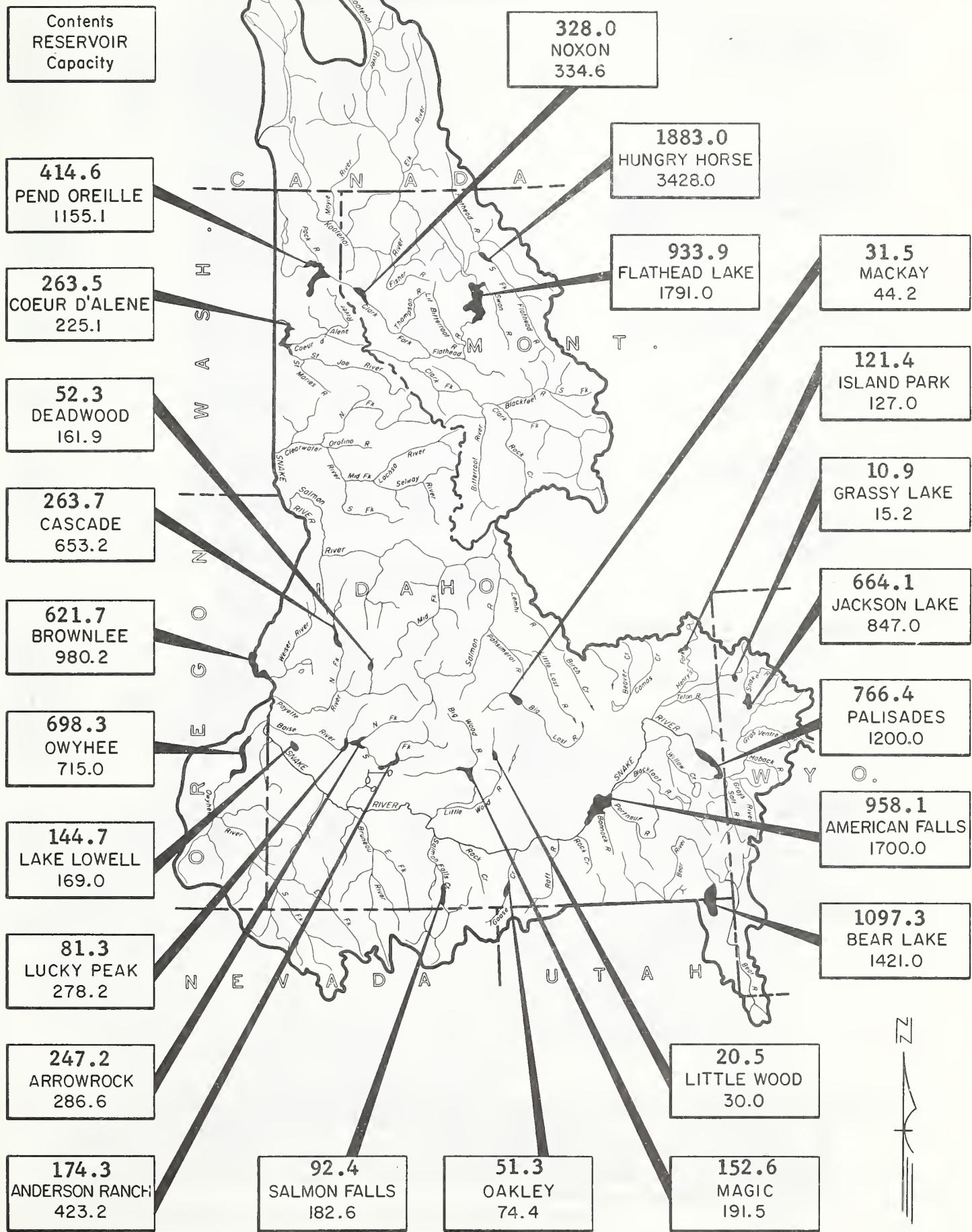
## RESERVOIR STORAGE (1,000 Ac. Ft.)

| RESERVOIR                        | USABLE CAPACITY | MEASURED (First of Month) |           |                 |
|----------------------------------|-----------------|---------------------------|-----------|-----------------|
|                                  |                 | THIS YEAR                 | LAST YEAR | 1958-72 AVERAGE |
| <u>UPPER COLUMBIA BASIN</u>      |                 |                           |           |                 |
| <u>Clark Fork - Pend Oreille</u> |                 |                           |           |                 |
| Hungry Horse                     | 3428.0          | 1883.0                    | 2029.0    | 2157.0          |
| Flathead                         | 1791.0          | 933.9                     | 669.4     | 794.5           |
| Pend Oreille                     | 1155.1          | 414.6                     | 314.9     | 477.1           |
| Noxon                            | 334.6           | 328.0                     | 149.1     | 198.5           |
| <u>Spokane</u>                   |                 |                           |           |                 |
| Coeur d'Alene                    | 225.1           | 263.5                     | 83.9      | 174.0           |
| <u>SNAKE BASIN</u>               |                 |                           |           |                 |
| <u>Snake</u>                     |                 |                           |           |                 |
| Jackson Lake                     | 847.0           | 664.1                     | 640.0     | 517.0           |
| Palisades                        | 1200.0          | 766.4                     | 911.1     | 794.4           |
| American Falls                   | 1125.0          | 958.1                     | 1114.7    | 998.2           |
| Island Park                      | 127.0           | 121.4                     | 118.8     | 123.7           |
| Grassy Lake                      | 15.2            | 10.9                      | 10.6      | 10.5            |
| Brownlee                         | 980.2           | 621.7                     | 584.5     | 324.4*          |
| <u>Goose-Trapper Creeks</u>      |                 |                           |           |                 |
| Oakley                           | 74.4            | 51.3                      | 52.9      | 22.9            |
| <u>Salmon Falls Creek</u>        |                 |                           |           |                 |
| Salmon Falls                     | 182.6           | 92.4                      | 108.7     | 42.6            |
| <u>Big Lost</u>                  |                 |                           |           |                 |
| Mackay                           | 44.2            | 31.5                      | 39.3      | 32.1            |
| <u>Big Wood</u>                  |                 |                           |           |                 |
| Magic                            | 191.5           | 152.6                     | 140.4     | 115.1           |
| <u>Little Wood</u>               |                 |                           |           |                 |
| Little Wood                      | 30.0            | 20.5                      | 20.5      | 16.7            |
| <u>Fish Creek</u>                |                 |                           |           |                 |
| Carey Valley                     | 13.0            | 12.0                      | 6.1       | --              |
| <u>Boise</u>                     |                 |                           |           |                 |
| Anderson Ranch                   | 423.2           | 174.3                     | 301.1     | 229.9           |
| Arrowrock                        | 286.6           | 247.2                     | 278.8     | 231.5           |
| Lucky Peak                       | 278.2           | 81.3                      | 226.4     | 119.2           |
| Lake Lowell (Deer Flat)          | 169.0           | 144.7                     | 138.4     | 143.3           |
| <u>Owyhee</u>                    |                 |                           |           |                 |
| Owyhee                           | 715.0           | 698.3                     | 702.6     | 509.2           |
| <u>Payette</u>                   |                 |                           |           |                 |
| Cascade                          | 653.2           | 263.7                     | 371.7     | 304.9           |
| Deadwood                         | 161.9           | 52.3                      | 97.9      | 84.6            |
| <u>Weiser</u>                    |                 |                           |           |                 |
| Mann Creek                       | 11.1            | 9.8                       | 8.9       | --              |
| <u>GREAT BASIN</u>               |                 |                           |           |                 |
| <u>Bear</u>                      |                 |                           |           |                 |
| Bear Lake                        | 1421.0          | 1097.3                    | 1064.4    | 974.9           |
| * Period of Record.              |                 |                           |           |                 |

## RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

APRIL 1, 1974

50 0 50 100 150  
SCALE IN MILES

## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT | THIS YEAR             |                    |                 | PAST RECORD        |           |
|-------------------------------------|-----------------------|--------------------|-----------------|--------------------|-----------|
|                                     | FORECAST <sup>c</sup> |                    | FORECAST PERIOD | THOUSAND ACRE FEET |           |
|                                     | Thousand Acre Feet    | Percent of Average |                 | Last Year          | Average + |

UPPER COLUMBIA BASINKOOTENAI RIVER

|        |      |       |     |         |      |      |
|--------|------|-------|-----|---------|------|------|
| Leonia | (at) | 11200 | 123 | Apr-Sep | 5936 | 9073 |
|        |      | 9950  | 125 | Apr-Jul | 5115 | 7957 |
|        |      | 8000  | 124 | Apr-Jun | 4220 | 6431 |

PEND OREILLE RIVERClark Fork River

|                   |      |       |     |         |    |       |
|-------------------|------|-------|-----|---------|----|-------|
| Whitehorse Rapids | (at) | 17800 | 124 | Apr-Sep | -- | 14336 |
|                   |      | 16270 | 124 | Apr-Jul | -- | 13086 |
|                   |      | 13800 | 122 | Apr-Jun | -- | 11325 |

Priest River

|                 |      |      |     |         |    |     |
|-----------------|------|------|-----|---------|----|-----|
| Priest River 1/ | (at) | 1055 | 120 | Apr-Jul | -- | 879 |
|-----------------|------|------|-----|---------|----|-----|

SPOKANE RIVER

|               |      |      |     |         |    |      |
|---------------|------|------|-----|---------|----|------|
| Post Falls 2/ | (at) | 4500 | 151 | Apr-Sep | -- | 2983 |
|---------------|------|------|-----|---------|----|------|

St. Joe River

|        |      |      |     |         |    |      |
|--------|------|------|-----|---------|----|------|
| Calder | (at) | 2050 | 152 | Apr-Sep | -- | 1345 |
|        |      | 1980 | 155 | Apr-Jul | -- | 1277 |

SNAKE RIVER BASINSNAKE RIVER - MAIN STEM

|                     |      |      |     |         |      |      |
|---------------------|------|------|-----|---------|------|------|
| Moran 3/            | (at) | 1220 | 142 | Apr-Sep | --   | 858  |
| Palisades Inflow 3/ |      | 5110 | 138 | Apr-Sep | --   | 3714 |
| Heise 4/            | (nr) | 5350 | 137 | Apr-Sep | 3004 | 3913 |
| Blackfoot 5/        | (nr) | 5700 | 136 | Apr-Jul | --   | 4191 |
| Weiser              | (at) | 8550 | 131 | Apr-Sep | --   | 6524 |

Henry's Fork

|            |      |      |     |         |    |      |
|------------|------|------|-----|---------|----|------|
| Ashton 6/  | (nr) | 850  | 127 | Apr-Sep | -- | 671  |
| Rexburg 7/ | (nr) | 1745 | 128 | Apr-Sep | -- | 1362 |

Teton River

|             |      |     |     |         |    |     |
|-------------|------|-----|-----|---------|----|-----|
| St. Anthony | (nr) | 565 | 128 | Apr-Sep | -- | 442 |
|-------------|------|-----|-----|---------|----|-----|

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Priest Lake.

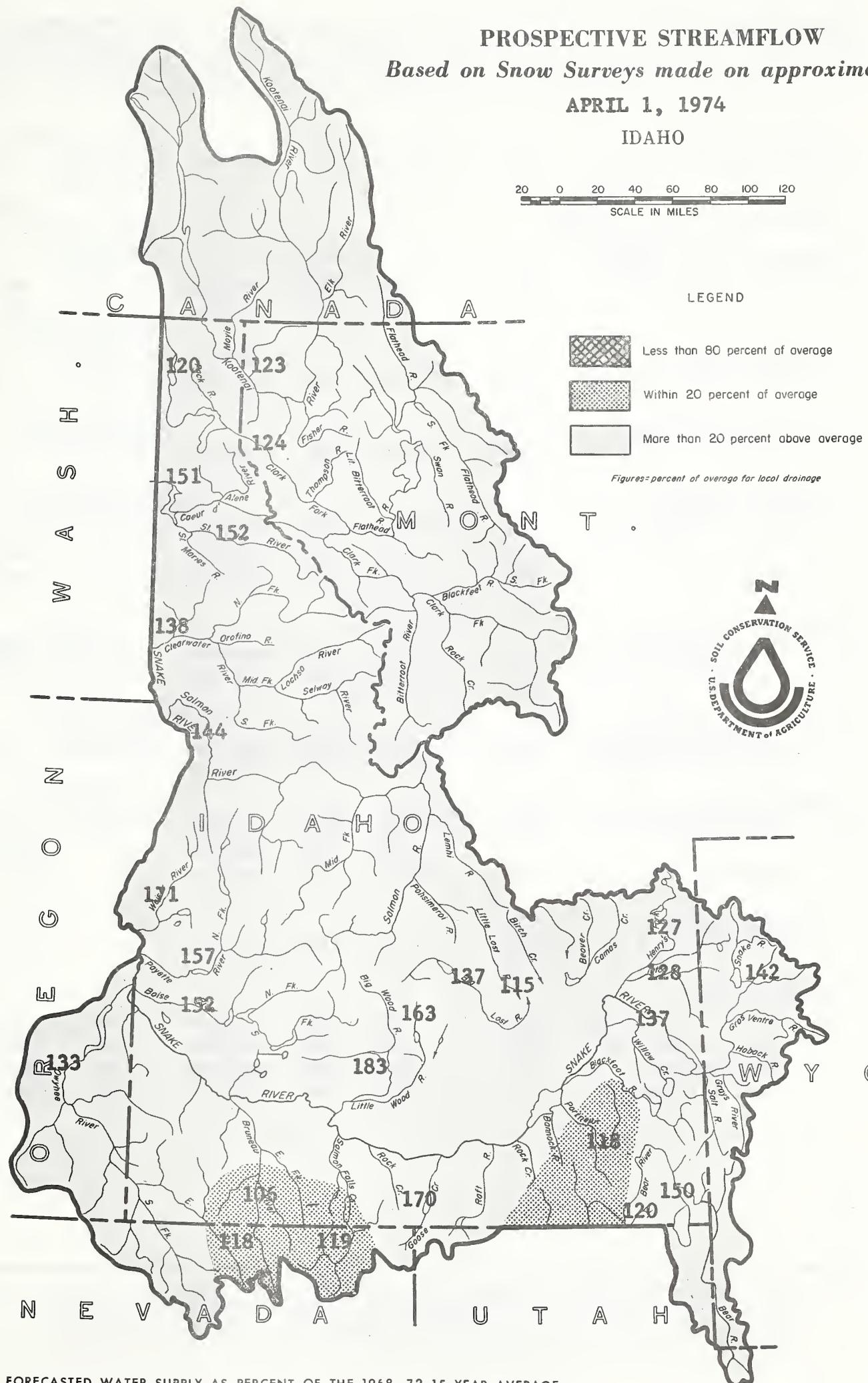
2/ Observed flow corrected for storage in Coeur d'Alene Lake 3/ Corrected for storage in Jackson Lake.

4/ Corrected for storage in Jackson Lake and Palisades. 5/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot. 6/ Corrected for storage in Henry's Lake and Island Park Reservoir. 7/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake and diversions between Ashton and Rexburg.

+ 1958-1972 period.

**PROSPECTIVE STREAMFLOW**  
*Based on Snow Surveys made on approximately*  
**APRIL 1, 1974**  
**IDAHO**

20 0 20 40 60 80 100 120  
 SCALE IN MILES



## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT | THIS YEAR          |                    |                 | PAST RECORD        |           |
|-------------------------------------|--------------------|--------------------|-----------------|--------------------|-----------|
|                                     | FORECAST C         |                    | FORECAST PERIOD | THOUSAND ACRE FEET |           |
|                                     | Thousand Acre Feet | Percent of Average |                 | Last Year          | Average + |
| <u>Portneuf River</u>               |                    |                    |                 |                    |           |
| Topaz                               | (at)               | 110                | 118             | Mar-Sep            | --        |
|                                     |                    |                    |                 |                    | 93        |
| <u>Oakley Reservoir Inflow</u>      |                    | 50                 | 170             | Mar-Sep            | --        |
|                                     |                    |                    |                 |                    | 29.3      |
| <u>Salmon Falls Creek</u>           |                    |                    |                 |                    |           |
| San Jacinto                         | (nr)               | 100                | 119             | Mar-Sep            | --        |
|                                     |                    | 95                 | 119             | Mar-Jul            | --        |
|                                     |                    |                    |                 |                    | 84        |
|                                     |                    |                    |                 |                    | 80        |
| <u>Bruneau River</u>                |                    |                    |                 |                    |           |
| Hot Springs                         | (nr)               | 240                | 106             | Mar-Sep            | --        |
|                                     |                    |                    |                 |                    | 226       |
| <u>Little Lost River</u>            |                    |                    |                 |                    |           |
| Howe                                | (nr)               | 47                 | 115             | Apr-Sep            | --        |
|                                     |                    |                    |                 |                    | 41        |
| <u>Big Lost River</u>               |                    |                    |                 |                    |           |
| Howell Ranch                        | (at)               | 280                | 135             | Apr-Sep            | --        |
|                                     |                    | 200                | 137             | Apr-Jun            | --        |
|                                     |                    |                    |                 |                    | 208       |
|                                     |                    |                    |                 |                    | 146       |
| Mackay 1/                           | (nr)               | 245                | 137             | Apr-Sep            | --        |
|                                     |                    |                    |                 |                    | 179       |
| <u>Big Wood River</u>               |                    |                    |                 |                    |           |
| Magic Reservoir                     |                    | 550                | 183             | Apr-Sep            | --        |
| Inflow 2/                           |                    | 570                | 184             | Mar-Jul            | --        |
|                                     |                    |                    |                 |                    | 301       |
|                                     |                    |                    |                 |                    | 310       |
| <u>Little Wood River</u>            |                    |                    |                 |                    |           |
| High Five Creek                     | (ab)               | 150                | 163             | Apr-Sep            | --        |
|                                     |                    |                    |                 |                    | 92        |
| <u>Boise River</u>                  |                    |                    |                 |                    |           |
| Twin Springs                        | (nr)               | 1100               | 153             | Apr-Sep            | --        |
|                                     |                    | 1025               | 154             | Apr-Jul            | --        |
|                                     |                    |                    |                 |                    | 719       |
|                                     |                    |                    |                 |                    | 665       |
| Boise 3/                            | (nr)               | 2450               | 152             | Apr-Sep            | --        |
|                                     |                    |                    |                 |                    | 1611      |
| <u>South Fork</u>                   |                    |                    |                 |                    |           |
| Anderson Dam 4/                     | (at)               | 960                | 154             | Apr-Sep            | --        |
|                                     |                    |                    |                 |                    | 625       |
| <u>Owyhee River</u>                 |                    |                    |                 |                    |           |
| Gold Cr., Nev. 5/                   | (nr)               | 25                 | 139             | Apr-Jul            | 16        |
| Owyhee, Nev. 5/                     | (nr)               | 80                 | 118             | Apr-Jul            | 60        |
| Lake Owyhee                         |                    | 440                | 133             | Apr-Sep            | 270       |
| net inflow 6/                       |                    | 420                | 136             | Apr-Jul            | 243       |
|                                     |                    |                    |                 |                    | 332       |
|                                     |                    |                    |                 |                    | 309       |

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Mackay Reservoir  
 2/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine. 3/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak. 4/ Corrected for storage in Anderson Ranch Reservoir. 5/ Corrected for storage in Wild Horse Reservoir. 6/ From U.S.B.R. records of inflow.  
 + 1958-1972 period.

## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT | THIS YEAR          |                    |                 | PAST RECORD        |           |
|-------------------------------------|--------------------|--------------------|-----------------|--------------------|-----------|
|                                     | FORECAST           |                    | FORECAST PERIOD | THOUSAND ACRE FEET |           |
|                                     | Thousand Acre Feet | Percent of Average |                 | Last Year          | Average + |

Payette River

|                          |      |      |     |         |    |      |
|--------------------------|------|------|-----|---------|----|------|
| Horseshoe Bend <u>1/</u> | (nr) | 2900 | 157 | Apr-Sep | -- | 1850 |
| Banks <u>2/</u>          | (nr) | 1570 | 158 | Apr-Jul | -- | 993  |

North Fork

|                   |      |      |     |         |    |     |
|-------------------|------|------|-----|---------|----|-----|
| Cascade <u>3/</u> | (at) | 880  | 157 | Apr-Sep | -- | 562 |
| Banks <u>3/</u>   | (nr) | 1145 | 157 | Apr-Sep | -- | 730 |

Weiser River

|                                  |  |     |     |         |    |     |
|----------------------------------|--|-----|-----|---------|----|-----|
| Weiser ab. Crane Creek <u>4/</u> |  | 875 | 171 | Mar-Sep | -- | 511 |
|----------------------------------|--|-----|-----|---------|----|-----|

Salmon River

|           |      |       |     |         |    |      |
|-----------|------|-------|-----|---------|----|------|
| Whitebird | (at) | 10000 | 144 | Apr-Sep | -- | 6959 |
|-----------|------|-------|-----|---------|----|------|

Clearwater River

|          |      |       |     |         |    |      |
|----------|------|-------|-----|---------|----|------|
| Spalding | (at) | 11750 | 138 | Apr-Sep | -- | 8514 |
|----------|------|-------|-----|---------|----|------|

GREAT BASINBEAR RIVER

|       |      |     |     |         |    |     |
|-------|------|-----|-----|---------|----|-----|
| Harer | (at) | 406 | 150 | Apr-Sep | -- | 271 |
|-------|------|-----|-----|---------|----|-----|

Montpelier Creek

|            |      |      |    |         |    |      |
|------------|------|------|----|---------|----|------|
| Montpelier | (nr) | 10.8 | 87 | Apr-Sep | -- | 12.4 |
|------------|------|------|----|---------|----|------|

Cub River

|         |      |    |     |         |    |    |
|---------|------|----|-----|---------|----|----|
| Preston | (nr) | 60 | 120 | Apr-Sep | -- | 50 |
|---------|------|----|-----|---------|----|----|

(c) Assuming normal meteorological conditions. 1/ Corrected for storage in Cascade and Deadwood Reservoirs. 2/ Corrected for storage in Deadwood Reservoir. 3/ Corrected for storage in Cascade Reservoir. 4/ Observed flow of Weiser River nr. Weiser minus observed flow of Crane Creek at mouth. + 1958-1972 period.



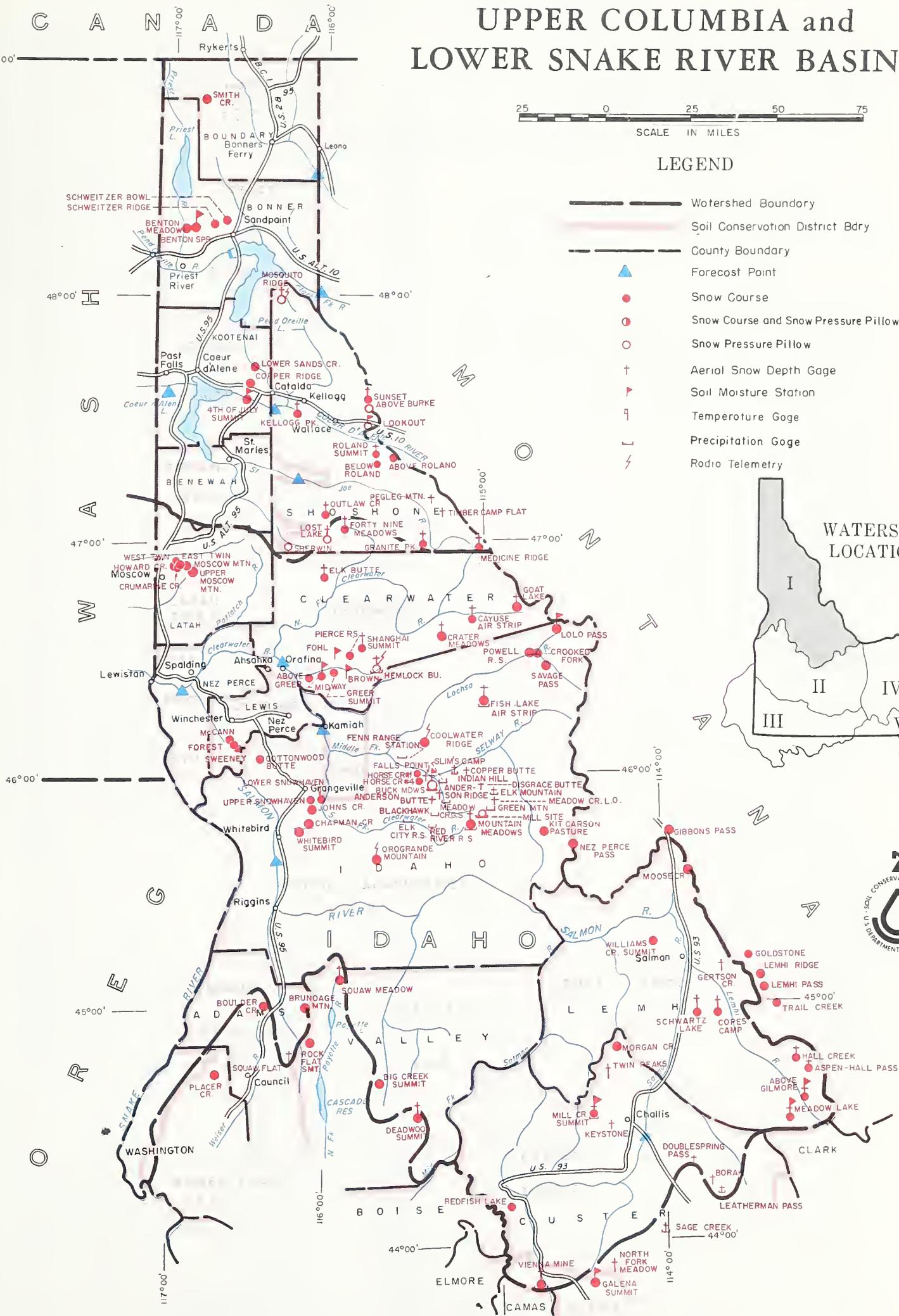
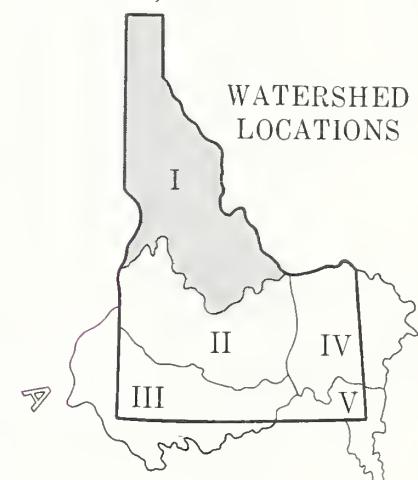
# UPPER COLUMBIA and LOWER SNAKE RIVER BASINS

A scale bar at the bottom of the map with markings at 0, 25, 50, and 75 miles. The text "SCALE IN MILES" is centered below the bar.

## LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- † Aerial Snow Depth Gage
- ▶ Soil Moisture Station
- ▬ Temperoture Goge
- ▬ Precipitation Goge
- ⚡ Radio Telemetry

## WATERSHED LOCATIONS



# INDEX to SNOW COURSES

| NO. | STATE | NAME | SEC. | TWP. | RGE.      | ELEV. |
|-----|-------|------|------|------|-----------|-------|
|     |       |      |      | LAT. | OR<br>AND | LONG. |

## UPPER COLUMBIA BASIN

### KOOTENAI RIVER

|       |   |                  |    |     |    |      |
|-------|---|------------------|----|-----|----|------|
| 16A1  | I | Smith Creek      | 29 | 64N | 3W | 4800 |
|       |   |                  |    |     |    |      |
| 16A2  | I | Benton Meadow    | 27 | 58N | 4W | 2344 |
| 16A3M | I | Benton Spring    | 30 | 58N | 3W | 4900 |
| 16A6  | I | Schweitzer Bowl  | 20 | 58N | 2W | 4500 |
| 16A5  | I | Schweitzer Ridge | 19 | 58N | 2W | 6100 |

### SPOKANE RIVER

|        |   |                       |         |     |     |      |
|--------|---|-----------------------|---------|-----|-----|------|
| 15B8S  | I | Above Burke           | 11      | 48N | 5E  | 4100 |
| 15B7   | I | Above Roland          | 35      | 47N | 6E  | 4350 |
| 15B6   | I | Below Roland          | 34      | 47N | 6E  | 3770 |
| 16B2   | I | Copper Ridge          | 6 & 7   | 50N | 1W  | 4800 |
| 16B3M  | I | Fourth of July Summit | 6       | 49N | 1W  | 3100 |
| 15B13A | I | Granite Peak          | 3       | 42N | 8E  | 6000 |
| 16B5A  | I | Kellogg Peak          | 19      | 48N | 3E  | 5560 |
| 15B2MS | I | Lookout               | 4       | 47N | 6E  | 5250 |
| 16B1   | I | Lower Sands Creek     | 32      | 51N | 1W  | 3400 |
| 15B4A  | I | Medicine Ridge        | 24      | 43N | 10E | 6150 |
| 16A4AS | I | Mosquito Ridge        | 5       | 54N | 2E  | 5110 |
| 15B12A | I | Outlaw Creek          | 19      | 44N | 5E  | 3750 |
| 15B15a | I | Pegleg Mountain       | 15      | 44N | 9E  | 5735 |
| 15B5A  | I | Roland Summit         | 26      | 47N | 6E  | 5200 |
| 16CLS  | I | Sherwin               | 28 & 33 | 42N | 1E  | 3200 |
| 15B9A  | I | Sunset                | 28      | 49N | 5E  | 5600 |
| 15B16a | I | Timber Camp Flat      | 23      | 44N | 9E  | 4300 |

## LOWER SNAKE BASIN

### PALOUSE RIVER

|        |   |                       |    |     |    |      |
|--------|---|-----------------------|----|-----|----|------|
| 16C6   | I | Crumarine Creek       | 24 | 40N | 5W | 3340 |
| 16C3   | I | East Twin             | 13 | 40N | 5W | 4050 |
| 16C5   | I | Howard Creek          | 14 | 40N | 5W | 3450 |
| 16C2   | I | Moscow Mountain       | 18 | 40N | 4W | 4400 |
| 16C7SR | I | Upper Moscow Mountain | 16 | 40N | 4W | 4600 |
| 16C4P  | I | West Twin             | 14 | 40N | 5W | 4250 |

### LEGEND

#### Numbering System (example)

|        |  |                                                            |
|--------|--|------------------------------------------------------------|
| 10J7   |  | SNOW COURSE ONLY.                                          |
| 10J7P  |  | SNOW COURSE AND PRECIPITATION GAGE.                        |
| 10J7M  |  | SNOW COURSE AND SOIL MOISTURE STATION.                     |
| 10J7A  |  | SNOW COURSE AND AERIAL MARKER.                             |
| 10J7s  |  | PRESSURE PILLOW ONLY.                                      |
| 10J7S  |  | SNOW COURSE AND PRESSURE PILLOW.                           |
| 10J7MA |  | SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.      |
| 10J7MP |  | SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE. |
| 10J7m  |  | SOIL MOISTURE STATION ONLY.                                |
| 10J7a  |  | AERIAL MARKER ONLY.                                        |
| 10J7p  |  | STORAGE PRECIPITATION GAGE ONLY.                           |

### CLEARWATER RIVER

|         |   |                            |       |     |     |      |
|---------|---|----------------------------|-------|-----|-----|------|
| 16C11   | I | Above Greer                | 14    | 35N | 2E  | 1240 |
| 15D7a   | I | Anderson Butte             | 34    | 30N | 9E  | 6800 |
| 15D8a   | I | Anderson Ridge             | 35    | 30N | 9E  | 5400 |
| 15D9p   | I | Blackhawk                  | 31    | 29N | 10E | 6080 |
| 16C14m  | I | Brown                      | 11    | 35N | 3E  | 3100 |
| 15D5MAP | I | Buck Meadows               | 26    | 31N | 8E  | 5600 |
| 15C3A   | I | Cayuse Airstrip            | 4     | 38N | 11E | 3700 |
| 15C7R   | I | Coolwater Mountain         | 32    | 33N | 8E  | 6200 |
| 15D10a  | I | Copper Butte               | 35    | 31N | 10E | 6000 |
| 16C16   | I | Cottonwood Butte           | 33    | 32N | 1W  | 5140 |
| 15C9A   | I | Crater Meadows             | 2     | 37N | 9E  | 6100 |
| 14C10   | I | Crooked Fork               | 27    | 37N | 14E | 3800 |
| 15D11a  | I | Disgrace Butte             | 26    | 30N | 10E | 6600 |
| 16C15A  | I | Elk Butte                  | 6     | 40N | 3E  | 5550 |
| 15D12p  | I | Elk City Rgr. Sta.         | 23    | 29N | 8E  | 4000 |
| 15D13ap | I | Elk Mountain               | 34    | 30N | 11E | 6900 |
| 15C11a  | I | Falls Point                | 10    | 31N | 9E  | 4600 |
| 15C12p  | I | Fenn Ranger Station        | 23    | 32N | 7E  | 1580 |
| 15C2AP  | I | Fish Lake Airstrip         | 35    | 35N | 11E | 5000 |
| 15C8m   | I | Fohl                       | 16    | 36N | 5E  | 3450 |
| 16C9    | I | Forest                     | 1     | 32N | 3W  | 4550 |
| 15B3A   | I | Forty-nine Meadows         | 6     | 43N | 5E  | 5000 |
| 14C9A   | I | Goat Lake                  | 4     | 38N | 13E | 6600 |
| 15D14p  | I | Green Mountain             | 15    | 28N | 11E | 7000 |
| 16C13   | I | Greer Summit               | 13    | 35N | 2E  | 3000 |
| 15C6APR | I | Hemlock Butte              | 7     | 36N | 7E  | 5500 |
| 15C8s   | M | Hoodoo Basin               | 17    | 14N | 27W | 6000 |
| 15C1    | M | Hoodoo Creek               | 16    | 14N | 27W | 5900 |
| 15C14   | I | Horse Creek #1             | 25    | 31N | 8E  | 5500 |
| 15C15   | I | Horse Creek #4             | 5     | 30N | 9E  | 5400 |
| 15D21a  | I | Horse Point                | 4     | 30N | 9E  | 5700 |
| 15D22ap | I | Indian Hill                | 30    | 31N | 10E | 6100 |
| 14D3    | I | Kit Carson Pasture         | 4     | 27N | 16E | 5020 |
| 14C5M   | I | Lolo Pass                  | 16    | 38N | 15E | 5230 |
| 15B14AS | I | Lost Lake                  | 16    | 43N | 4E  | 6000 |
| 15D15p  | I | Lower Horse Creek          | 28    | 31N | 9E  | 4100 |
| 16D7    | I | Lower Snowhaven            | 9     | 29N | 3E  | 5250 |
| 16C8    | I | McCann                     | 25    | 33N | 3W  | 4300 |
| 15D16p  | I | Meadow Creek Guard Station | 5     | 29N | 10E | 2955 |
| 15D17a  | I | Meadow Creek Lookout       | 25    | 29N | 11E | 7000 |
| 16C12M  | I | Midway                     | 14    | 35N | 2E  | 2200 |
| 15D18ps | I | Mill Site                  | 22    | 28N | 11E | 6700 |
| 15D6AP  | I | Mountain Meadows           | 9     | 27N | 10E | 6300 |
| 14D1    | M | Nez Perce Pass             | 25    | 1S  | 24W | 6575 |
| 15D4R   | I | Orogrande Mountain         | 24    | 27N | 6E  | 7800 |
| 15C5    | I | Pierce Ranger Station      | 2     | 36N | 5E  | 3170 |
| 14C6    | I | Powell Ranger Station      | 33    | 37N | 14E | 4230 |
| 15D19p  | I | Red River Ranger Station   | 4     | 27N | 9E  | 4340 |
| 15D20a  | I | Sable Hill                 | 14    | 29N | 10E | 6000 |
| 14C4    | I | Savage Pass                | 18    | 36N | 15E | 6600 |
| 15C4A   | I | Shanghai Summit            | 7     | 37N | 6E  | 4600 |
| 15C13p  | I | Slim's Camp                | 11    | 31N | 9E  | 1850 |
| 16C10   | I | Sweeney                    | 1     | 32N | 3W  | 4435 |
| 16D4    | I | Upper Snowhaven            | 8 & 9 | 29N | 3E  | 5600 |

### SALMON RIVER

|         |   |                       |         |     |     |       |
|---------|---|-----------------------|---------|-----|-----|-------|
| 13E19MA | I | Above Gilmore         | 13      | 13N | 26E | 8200  |
| 13E21A  | I | Aspen-Hall Pass       | 6       | 16N | 28E | 8110  |
| 15E2    | I | Big Creek Summit      | 24      | 15N | 5E  | 6600  |
| 13E8a   | I | Borah                 | 21      | 10N | 23E | 8250  |
| 16D6    | I | Brundage Mountain     | 6       | 19N | 3E  | 7560  |
| 16D2    | I | Chapman Creek         | 16      | 29N | 2E  | 4215  |
| 13E17A  | I | Copes Camp            | 36      | 18N | 22E | 7500  |
| 13E25a  | I | Doublespring Pass     | 3       | 10N | 22E | 8400  |
| 13D17a  | I | Gertson Creek         | 22      | 22N | 23E | 8050  |
| 13D2    | M | Gibbons Pass          | 4       | 2S  | 19W | 7100  |
| 13D9    | M | Gold Stone            | 11      | 8S  | 16W | 8100  |
| 13E20A  | I | Hall Creek            | 1       | 16N | 27E | 7560  |
| 16D3    | I | Johns Creek           | 9       | 29N | 2E  | 3805  |
| 14E6a   | I | Keystone              | 15      | 13N | 18E | 7700  |
| 13E24ap | I | Leatherman Pass       | 20      | 9N  | 23E | 9800  |
| 13E1    | M | Lemhi Pass            | 9       | 10S | 15W | 7480  |
| 13E23   | M | Lemhi Ridge           | 4       | 10S | 15W | 8100  |
| 13E18MA | I | Meadow Lake           | 24      | 13N | 26E | 9100  |
| 14E1MAP | I | Mill Creek Summit     | 8       | 13N | 17E | 8870  |
| 13D16   | I | Moose Creek           | 22 & 26 | 27N | 21E | 6200  |
| 14E4    | I | Morgan Creek          | 32      | 18N | 19E | 7580  |
| 14E2    | I | Redfish Lake          | 3       | 9N  | 13E | 6600  |
| 13E16A  | I | Schwartz Lake         | 34      | 18N | 22E | 8500  |
| 13E2    | M | Trail Creek           | 15      | 10S | 15W | 7090  |
| 14E3a   | I | Twin Peaks            | 28      | 15N | 17E | 10300 |
| 14F4AP  | I | Vienna Mine           | 32      | 6N  | 14E | 8900  |
| 16D5    | I | Whitebird Summit      | 17      | 29N | 2E  | 4390  |
| 14D4    | I | Williams Creek Summit | 34      | 21N | 20E | 7800  |

**SNOW**

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD            |                      |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|----------------------|
| NAME                              | Elevation | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) | Last Year            |
|                                   |           |                |                     |                        |                        | Average <sup>b</sup> |

UPPER COLUMBIA RIVER BASINKOOTENAI RIVER

|             |      |      |     |      |      |      |
|-------------|------|------|-----|------|------|------|
| Smith Creek | 4800 | 3/29 | 170 | 70.5 | 36.9 | 48.5 |
|-------------|------|------|-----|------|------|------|

PEND OREILLE - PRIEST RIVER

|                  |      |      |     |      |      |       |
|------------------|------|------|-----|------|------|-------|
| Benton Meadow    | 2344 | 3/27 | 8   | 2.4  | 0.1  | 3.4   |
| Benton Spring    | 4900 | 4/2  | 85  | 32.1 | 14.4 | 19.4  |
| #Mosquito Ridge  | 5110 | 3/25 | 134 | 57.6 | 28.0 | 40.3  |
| Schweitzer Bowl  | 4500 | 3/27 | 108 | 45.3 | 21.8 | 31.7* |
| Schweitzer Ridge | 6100 | 3/27 | 148 | 66.0 | 35.5 | 48.3* |

HAYDEN LAKE

|                   |      |      |    |      |     |    |
|-------------------|------|------|----|------|-----|----|
| Chilco Ridge      | 3650 | 3/25 | 28 | 9.9  | 0.0 | -- |
| Conie Creek Ridge | 3900 | 3/25 | 34 | 12.7 | 0.0 | -- |
| Corner Creek      | 3200 | 3/25 | 12 | 4.1  | T   | -- |
| Sage Creek Saddle | 4100 | 3/25 | 80 | 31.1 | 9.4 | -- |
| Ulrich Creek      | 2800 | 3/25 | 6  | 1.7  | 0.0 | -- |

SPOKANE RIVER

|                       |      |      |     |      |      |       |
|-----------------------|------|------|-----|------|------|-------|
| Above Burke           | 4100 | 3/27 | 83  | 31.3 | 10.6 | 25.6* |
| Above Burke (SP)      | 4100 | 3/27 | --  | 31.8 | 11.8 | --    |
| Above Roland          | 4350 | 3/25 | 114 | 50.2 | 16.5 | 35.8* |
| Below Roland          | 3770 | 3/25 | 52  | 21.8 | 3.1  | 17.4* |
| Copper Ridge          | 4800 | 3/26 | 97  | 41.6 | 11.5 | 30.0  |
| #Forty-nine Meadows   | 5000 | 4/4  | 119 | 41.8 | 17.5 | 34.9  |
| Fourth of July Summit | 3100 | 3/25 | 37  | 14.2 | 0.0  | 7.8   |
| Granite Peak          | 6000 | 4/4  | 174 | 59.0 | 31.7 | 47.5* |
| Kellogg Peak          | 5560 | 3/25 | 124 | 52.9 | 18.9 | 34.7* |
| Lookout               | 5250 | 3/27 | 122 | 47.1 | 20.8 | 38.7  |
| #Lost Lake            | 6000 | 4/4  | 282 | 89.0 | 36.9 | 62.1* |
| Lower Sands Creek     | 3400 | 3/26 | 82  | 31.2 | 8.4  | 20.7  |
| Medicine Ridge        | 6150 | 4/4  | 184 | 60.6 | 30.2 | 48.1* |
| Mosquito Ridge        | 5110 | 3/25 | 134 | 57.6 | 28.0 | 40.3  |
| Roland Summit         | 5200 | 3/25 | 139 | 59.5 | 21.5 | 39.2* |
| Sherwin               | 3200 | 3/26 | 59  | 22.7 | 4.4  | 13.8* |
| Sherwin (SP)          | 3200 | 3/26 | --  | 22.4 | --   | --    |
| Sunset                | 5600 | 3/25 | 126 | 52.0 | 20.7 | 39.3* |

LOWER SNAKE RIVER BASIN

|                 |      |      |    |      |     |      |
|-----------------|------|------|----|------|-----|------|
| Crumarine Creek | 3340 | 3/28 | 18 | 7.5  | 0.0 | 4.1* |
| East Twin       | 4050 | 3/28 | 32 | 13.4 | 0.0 | 9.6  |
| Moscow Mountain | 4400 | 3/28 | 75 | 27.3 | 7.9 | 17.7 |
| West Twin       | 4250 | 3/28 | 44 | 17.4 | 0.0 | 8.7  |

SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD            |                      |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|----------------------|
| NAME                              | Elevation | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) | Last Year            |
|                                   |           |                |                     |                        |                        | Average <sup>b</sup> |

CLEARWATER RIVER

|                         |       |      |      |      |      |       |
|-------------------------|-------|------|------|------|------|-------|
| Cayuse Airstrip         | 3700  | 3/27 | 48   | 14.3 | 1.2  | 9.6   |
| Coolwater Mountain      | 6200  | 3/27 | 105  | 36.0 | 24.2 | 32.9* |
| Coolwater Mountain (SP) | 6200  | 3/31 | --   | 37.7 | 17.4 | --    |
| Cottonwood Butte        | 5140  | 3/31 | 41   | 15.3 | 9.0  | --    |
| Crater Meadows          | 6100  | 3/27 | 131  | 49.4 | 30.5 | 48.7* |
| Crooked Fork            | 3600  | 3/27 | 53   | 20.7 | 6.9  | 14.3* |
| Elk Butte               | 5550  | 4/4  | 158  | 56.0 | 20.6 | 39.6* |
| Fish Lake Airstrip      | 5000  | 3/27 | 132  | 45.2 | 25.0 | 42.4  |
| Forty-nine Meadows      | 5000  | 4/4  | 119  | 41.8 | 17.5 | 34.9  |
| Goat Lake               | 6600  | 3/27 | 144  | 54.4 | 34.9 | 52.1* |
| #Granite Peak           | 6000  | 4/4  | 174  | 59.0 | 31.7 | 47.5* |
| Hemlock Butte           | 5500  | 3/27 | 165  | 59.6 | 36.7 | 52.9* |
| #Hoodoo Basin           | Mont. | 6000 | 3/27 | 164  | 73.6 | 35.4  |
| #Hoodoo Creek           | Mont. | 5900 | 3/27 | 154  | 67.7 | 33.4  |
| Kit Carson Pasture      |       | 5020 | 3/25 | 41   | 14.8 | 5.4   |
| Lolo Pass               |       | 5250 | 3/27 | 97   | 41.2 | 20.2  |
| Lost Lake               |       | 6000 | 4/4  | 282  | 89.0 | 36.9  |
| Lower Snowhaven         |       | 5250 | 3/31 | 57   | 22.8 | 13.7  |
| #Medicine Ridge         |       | 6150 | 4/4  | 184  | 60.6 | 30.2  |
| #Nez Perce Pass         | Mont. | 6575 | 3/26 | 66   | 25.4 | 11.8  |
| Orogrande Mountain      |       | 7800 | 3/27 | 125  | 42.2 | 31.2  |
| Orogrande Mountain (SP) |       | 7800 | 3/31 | --   | 55.2 | 25.2  |
| Pierce Ranger Station   |       | 3170 | 4/1  | 39   | 16.0 | 3.1   |
| Powell Ranger Station   |       | 3410 | 3/28 | 46   | 17.9 | 3.7   |
| Savage Pass             |       | 6160 | 3/27 | 85   | 33.5 | 19.7  |
| Savage Pass (New)       |       | 6160 | 3/27 | 89   | 34.7 | 19.7  |
| Shanghai Summit         |       | 4600 | 3/29 | 102  | 36.2 | 14.4  |
| Upper Snowhaven         |       | 5600 | 3/31 | 54   | 22.5 | 15.5  |

SALMON RIVER

|                   |       |      |      |      |      |       |
|-------------------|-------|------|------|------|------|-------|
| Big Creek Summit  | 6600  | 3/29 | 133  | 52.5 | 26.4 | 37.4  |
| Borah (A)         | 8250  | 4/4  | 17   | 5.0  | 5.7  | --    |
| #Boulder Creek    | 5500  | 3/28 | 90   | 39.2 | 18.6 | 24.8  |
| Brundage Mountain | 7560  | 3/28 | 162  | 63.8 | 38.5 | 49.1* |
| #Deadwood Summit  | 7000  | 4/5  | 192  | 73.7 | 38.6 | 47.0  |
| #Galena Summit    | 8795  | 3/27 | 101  | 38.6 | 17.2 | 25.0  |
| #Gibbons Pass     | Mont. | 7100 | 3/27 | 88   | 32.9 | 21.0  |
| Leatherman Pass   |       | 9800 | 4/4  | 99   | 36.4 | 19.1  |
| #Lemhi Pass       | Mont. | 7480 | 3/27 | 33   | 10.4 | 7.0   |
| #Lemhi Ridge      | Mont. | 8100 | 3/27 | 44   | 13.8 | 8.2   |
| Mill Creek Summit |       | 8870 | 4/4  | 102  | 39.0 | 14.3  |
| Moose Creek       |       | 6200 | 3/28 | 63   | 21.8 | 12.7  |
| Morgan Creek      |       | 7580 | 3/28 | 58   | 19.0 | 9.5   |
| Redfish Lake      |       | 6600 | 3/28 | 43   | 13.4 | 4.6   |
| #Rock Flat Summit |       | 5200 | 3/28 | 66   | 24.4 | 13.2  |
| #Secesh Summit    |       | 6600 | 3/26 | 135  | 59.8 | 30.2  |

(b) 1958-72, 15 year period. #Not located directly on this drainage. \* Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

## SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD |                      |
|-----------------------------------|-----------|----------------|---------------------|------------------------|-------------|----------------------|
|                                   |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Last Year   | Average <sup>b</sup> |
| NAME                              | Elevation |                |                     |                        |             |                      |
| #Squaw Meadow                     | 5800      | 3/26           | 124                 | 54.6                   | 30.8        | 38.8                 |
| Twin Peaks (A)                    | 10300     | 4/4            | 108                 | 41.3                   | 16.4        | --                   |
| Vienna Mine                       | 8900      | 3/26           | 128                 | 55.3                   | 26.1        | 38.0                 |
| Williams Creek Summit             | 7800      | 3/29           | 56                  | 17.2                   | 9.2         | 13.4                 |

Lemhi River

|                     |      |     |    |      |      |       |
|---------------------|------|-----|----|------|------|-------|
| Above Gilmore       | 8200 | 4/4 | 52 | 15.8 | 6.2  | 10.5* |
| Aspen-Hall Pass (A) | 8110 | 4/4 | 48 | 12.7 | 9.0  | 9.6*  |
| Copes Camp          | 7500 | 4/4 | 40 | 11.1 | 7.0  | 8.4*  |
| Hall Creek          | 7560 | 4/4 | 24 | 7.0  | 5.4  | 5.4*  |
| Meadow Lake         | 9100 | 4/4 | 92 | 33.3 | 13.1 | 20.5* |
| Schwartz Lake       | 8500 | 4/4 | 62 | 19.7 | 9.6  | 13.4* |

(b) 1958-72, 15 year period. #Not located directly on this drainage. \*Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

## SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD |                      |
|-----------------------------------|-----------|----------------|---------------------|------------------------|-------------|----------------------|
|                                   |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Last Year   | Average <sup>b</sup> |
| NAME                              | Elevation |                |                     |                        |             |                      |

MIDDLE SNAKE RIVER BASIN - NORTHSIDELITTLE LOST RIVER

|                        |      |      |    |      |      |      |
|------------------------|------|------|----|------|------|------|
| Fairview Guard Station | 6750 | 3/26 | 16 | 5.2  | 3.8  | 3.1  |
| Lost Garfield          | 6600 | 3/26 | 14 | 4.3  | 3.4  | 2.6  |
| Moonshine              | 7450 | 3/26 | 46 | 13.8 | 7.6  | 11.2 |
| Sawmill Canyon         | 6900 | 3/26 | 31 | 9.0  | 7.0  | 7.9  |
| Swauger Lake (A)       | 9050 | 4/4  | 29 | 8.5  | 14.3 | --   |
| Wet Creek Summit       | 7600 | 3/27 | 59 | 18.0 | 9.6  | 13.1 |

BIG LOST RIVER

|                  |      |      |    |      |      |       |
|------------------|------|------|----|------|------|-------|
| Bear Canyon      | 7920 | 3/26 | 80 | 28.2 | 13.5 | 18.8  |
| Copper Basin     | 7650 | 3/26 | 42 | 14.8 | 7.1  | 10.3  |
| Iron Bog         | 7650 | 3/28 | 58 | 18.9 | 10.1 | 14.6* |
| Leadbelt         | 6800 | 3/28 | 30 | 8.8  | 6.8  | 9.4*  |
| #Leatherman Pass | 9800 | 4/4  | 99 | 36.4 | 19.1 | --    |
| Lost-Wood Divide | 7900 | 3/26 | 98 | 38.9 | 16.6 | 24.2* |
| Stickney Mill    | 7500 | 3/26 | 38 | 12.0 | 8.0  | 10.0  |
| White Knob       | 7700 | 3/29 | 50 | 13.9 | 9.9  | 10.0* |

FISH CREEK

|                 |      |      |    |      |     |      |
|-----------------|------|------|----|------|-----|------|
| Iron Mine Creek | 6370 | 3/29 | 36 | 11.0 | 9.5 | 10.2 |
| Telfer Ranch    | 6000 | 3/29 | 13 | 4.0  | 7.0 | 6.6  |

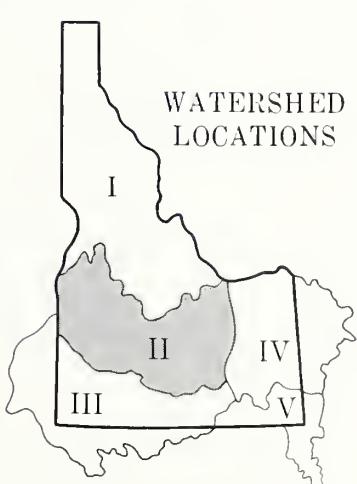
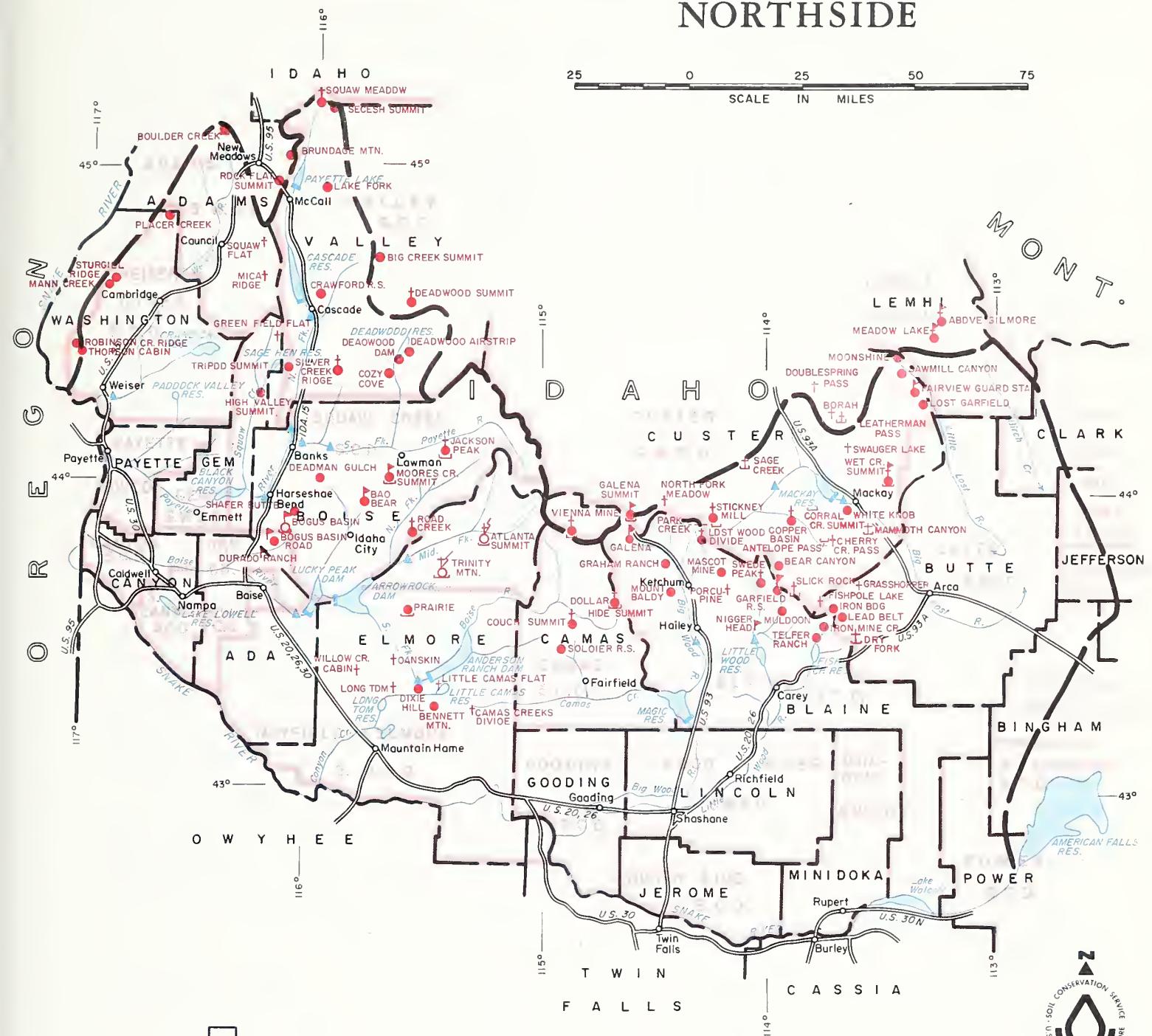
LITTLE WOOD RIVER

|                         |      |      |    |      |      |      |
|-------------------------|------|------|----|------|------|------|
| #Bear Canyon            | 7920 | 3/26 | 80 | 28.2 | 13.5 | 18.8 |
| Garfield Ranger Station | 6554 | 3/28 | 38 | 12.2 | 9.7  | 10.3 |
| Muldoon                 | 6300 | 3/28 | 15 | 5.0  | 7.0  | 7.1  |
| Swede Peak              | 7650 | 3/28 | 77 | 24.8 | 14.6 | 17.8 |

BIG WOOD RIVER

|                        |      |      |     |      |      |       |
|------------------------|------|------|-----|------|------|-------|
| Camas Creeks Divide    | 5720 | 4/4  | 28  | 10.9 | 8.9  | --    |
| #Couch Summit          | 6950 | 3/25 | 65  | 24.7 | 14.8 | 18.8* |
| Dollarhide Summit      | 8620 | 3/26 | 91  | 34.7 | 17.9 | 27.7* |
| Galena                 | 7300 | 3/27 | 80  | 30.4 | 13.2 | 19.8  |
| Galena Summit          | 8795 | 3/27 | 101 | 38.6 | 17.2 | 25.0  |
| Graham Ranch           | 6200 | 3/27 | 53  | 17.8 | 10.5 | 13.6  |
| #Lost Wood Divide      | 7900 | 3/26 | 98  | 38.9 | 16.6 | 24.2* |
| Mascot Mine            | 7900 | 3/26 | 60  | 20.5 | 10.2 | 13.9  |
| Mount Baldy            | 9000 | 3/29 | 95  | 31.9 | 16.0 | 21.2  |
| Soldier Ranger Station | 6100 | 3/25 | 32  | 11.9 | 8.2  | 9.6   |
| #Vienna Mine           | 8900 | 3/26 | 128 | 55.3 | 26.1 | 38.0  |

# MIDDLE SNAKE RIVER BASIN NORTHSIDE



## LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- † Aerial Snow Depth Gage
- 🚩 Soil Moisture Station
- ℉ Temperature Gage
- ﹂ Precipitation Gage
- ⚡ Radio Telemetry

# INDEX to SNOW COURSES

| NO.                      | STATE | NAME                    | SEC. | TWP.<br>OR<br>LAT. | RGE.<br>AND<br>LONG. | ELEV. | NO.           | STATE | NAME                    | SEC.    | TWP.<br>OR<br>LAT. | RGE.<br>AND<br>LONG. | ELEV. |  |  |  |  |  |  |  |
|--------------------------|-------|-------------------------|------|--------------------|----------------------|-------|---------------|-------|-------------------------|---------|--------------------|----------------------|-------|--|--|--|--|--|--|--|
| MIDDLE SNAKE RIVER BASIN |       |                         |      |                    |                      |       |               |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| NORTHSIDE                |       |                         |      |                    |                      |       |               |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| LITTLE LOST RIVER        |       |                         |      |                    |                      |       |               |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 13E5M                    | I     | Fairview Guard Station  | 27   | 12N                | 26E                  | 6750  | 15F4APS       | I     | Atlanta Summit          | 23      | 5N                 | 10E                  | 7500  |  |  |  |  |  |  |  |
| 13E3                     | I     | Lost-Garfield           | 3    | 11N                | 26E                  | 6600  | 15F2M         | I     | Bad Bear                | 35      | 7N                 | 6E                   | 5500  |  |  |  |  |  |  |  |
| 13E6                     | I     | Moonshine               | 31   | 13N                | 26E                  | 7450  | 16F4          | I     | Bogus Basin Road        | 32      | 5N                 | 3E                   | 5360  |  |  |  |  |  |  |  |
| 13E4                     | I     | Sawmill Canyon          | 17   | 12N                | 26E                  | 6900  | 16F5m         | I     | Bogus Basin Road        | 36      | 5N                 | 2E                   | 4830  |  |  |  |  |  |  |  |
| 13E9a                    | I     | Swauger Lake            | 26   | 9N                 | 24E                  | 9050  | 14FiOA        | I     | Couch Summit            | 9       | 2N                 | 14E                  | 6950  |  |  |  |  |  |  |  |
| 13E7MAP                  | I     | Wet Creek Summit        | 15   | 8N                 | 25E                  | 7600  | 15F10a        | I     | Danskin                 | 17      | 1N                 | 7E                   | 5650  |  |  |  |  |  |  |  |
| BIG LOST RIVER           |       |                         |      |                    |                      |       |               |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 13F18p                   | I     | Antelope Pass           | 7    | 5N                 | 23E                  | 8800  | 15E9AP        | I     | Deadman Gulch           | 29      | 7N                 | 4E                   | 5600  |  |  |  |  |  |  |  |
| 13F3                     | I     | Bear Canyon             | 26   | 5N                 | 21E                  | 7920  | 15F1MP        | I     | Jackson Peak            | 7       | 8N                 | 9E                   | 7000  |  |  |  |  |  |  |  |
| 13F13a                   | I     | Cherry Creek Pass       | 7    | 5N                 | 23E                  | 8900  | 15F6P         | I     | Moores Creek Summit     | 19      | 7N                 | 7E                   | 6100  |  |  |  |  |  |  |  |
| 13F2A                    | I     | Copper Basin            | 24   | 6N                 | 21E                  | 7650  | 15F3A         | I     | Prairie                 | 13      | 2N                 | 7E                   | 4900  |  |  |  |  |  |  |  |
| 13F19p                   | I     | Corral Creek Summit     | 25   | 7N                 | 22E                  | 8550  | 15F5APS       | I     | Road Creek              | 5       | 5N                 | 8E                   | 5550  |  |  |  |  |  |  |  |
| 13F20ap                  | I     | Dry Fork                | 23   | 3N                 | 23E                  | 7340  | 15F11a        | I     | Trinity Mountain        | 7       | 3N                 | 9E                   | 7780  |  |  |  |  |  |  |  |
| 13F8a                    | I     | Fishpole Lake           | 28   | 4N                 | 22E                  | 9350  |               | I     | Willow Creek Cabin      | 26      | 1N                 | 6E                   | 4710  |  |  |  |  |  |  |  |
| 13F7a                    | I     | Grasshopper             | 15   | 4N                 | 22E                  | 8400  | CANYON CREEK  |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 13F11                    | I     | Iron Bog                | 23   | 4N                 | 22E                  | 7650  | 15F7          | I     | Bennett Mountain        | 7       | 2S                 | 9E                   | 6650  |  |  |  |  |  |  |  |
| 13F12                    | I     | Leadbelt                | 34   | 4N                 | 23E                  | 6800  | 15F8          | I     | Dixie Hill              | 13      | 2S                 | 8E                   | 5230  |  |  |  |  |  |  |  |
| 14F3A                    | I     | Lost Wood Divide        | 19   | 6N                 | 19E                  | 7900  | 15F12a        | I     | Little Camas Flat       | 21      | 1S                 | 9E                   | 4950  |  |  |  |  |  |  |  |
| 13F17ap                  | I     | Mammoth Canyon          | 14   | 6N                 | 23E                  | 8300  | 15F13a        | I     | Long Tom                | 19      | 1S                 | 8E                   | 4550  |  |  |  |  |  |  |  |
| 14F15a                   | I     | North Fork Meadow       | 20   | 7N                 | 18E                  | 8150  | PAYETTE RIVER |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 14F6p                    | I     | Park Creek              | 18   | 6N                 | 19E                  | 7685  | 16F2MPS       | I     | Bogus Basin             | 16      | 5N                 | 3E                   | 6120  |  |  |  |  |  |  |  |
| 14E5ap                   | I     | Sage Creek              | 12   | 9N                 | 20E                  | 7800  | 15E8          | I     | Cozy Cove               | 19      | 11N                | 7E                   | 5900  |  |  |  |  |  |  |  |
| 13F14ap                  | I     | Slickrock               | 17   | 4N                 | 22E                  | 8640  | 15E3          | I     | Crawford Ranger Station | 21      | 14N                | 4E                   | 4800  |  |  |  |  |  |  |  |
| 14F2A                    | I     | Stickney Mill           | 9    | 6N                 | 19E                  | 7500  | 15E10         | I     | Deadwood Airstrip       | 8       | 11N                | 7E                   | 5440  |  |  |  |  |  |  |  |
| 13F1                     | I     | White Knob              | 25   | 7N                 | 23E                  | 7700  | 15E7          | I     | Deadwood Dam            | 8       | 11N                | 7E                   | 5290  |  |  |  |  |  |  |  |
| BIG WOOD RIVER           |       |                         |      |                    |                      |       |               |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 15F9a                    | I     | Camas Creeks Divide     | 11   | 2S                 | 9E                   | 5720  | 15E4A         | I     | Deadwood Summit         | 23      | 14N                | 7E                   | 7000  |  |  |  |  |  |  |  |
| 14F8AP                   | I     | Dollarhide Summit       | 16   | 3N                 | 15E                  | 8620  | 16E7a         | I     | Greenfield Flat         | 1       | 13N                | 2E                   | 7370  |  |  |  |  |  |  |  |
| 14F1M                    | I     | Galena                  | 3    | 6N                 | 15E                  | 7300  | 16E4          | I     | High Valley Summit      | 9       | 10N                | 2E                   | 5170  |  |  |  |  |  |  |  |
| 14F12MP                  | I     | Galena Summit           | 33   | 7N                 | 15E                  | 8795  | 15E1          | I     | Lake Fork               | 3       | 18N                | 4E                   | 6000  |  |  |  |  |  |  |  |
| 14F5                     | I     | Graham Ranch            | 10   | 5N                 | 17E                  | 6200  | 16E1          | I     | Rock Flat Summit        | 1       | 18N                | 2E                   | 5200  |  |  |  |  |  |  |  |
| 14F7                     | I     | Mascot Mine             | 8    | 4N                 | 20E                  | 7900  | 15D1          | I     | Secesh Summit           | 34      | 22N                | 4E                   | 6600  |  |  |  |  |  |  |  |
| 14F9                     | I     | Mount Baldy             | 26   | 4N                 | 17E                  | 9000  | 16F7          | I     | Shafer Butte            | 15      | 5N                 | 3E                   | 7480  |  |  |  |  |  |  |  |
| 14F11                    | I     | Soldier Ranger Station  | 19   | 2N                 | 14E                  | 6100  | 15E5A         | I     | Silver Creek Ridge      | 24      | 12N                | 5E                   | 5700  |  |  |  |  |  |  |  |
| LITTLE WOOD RIVER        |       |                         |      |                    |                      |       |               |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 13F4M                    | I     | Garfield Ranger Station | 11   | 3N                 | 21E                  | 6554  | 15D2A         | I     | Squaw Meadow            | 5       | 21N                | 4E                   | 5800  |  |  |  |  |  |  |  |
| 13F5                     | I     | Muldoon                 | 25   | 3N                 | 21E                  | 6300  | 16E3          | I     | Tripod Summit           | 17      | 11N                | 3E                   | 5200  |  |  |  |  |  |  |  |
| 14F13m                   | I     | Niggerhead              | 26   | 2N                 | 20E                  | 5450  | WEISER RIVER  |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 14F14a                   | I     | Porcupine               | 30   | 4N                 | 20E                  | 8350  | 16D1P         | I     | Boulder Creek           | 15      | 20N                | 1W                   | 5500  |  |  |  |  |  |  |  |
| 13F9A                    | I     | Swede Peak              | 4    | 3N                 | 21E                  | 7500  | 16E6a         | I     | Mica Ridge              | 15      | 15N                | 2E                   | 6800  |  |  |  |  |  |  |  |
| FISH CREEK               |       |                         |      |                    |                      |       |               |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 13F10                    | I     | Iron Mine Creek         | 32   | 3N                 | 23E                  | 6370  | 16E2          | I     | Placer Creek            | 15 & 16 | 17N                | 3W                   | 6000  |  |  |  |  |  |  |  |
| 13F6                     | I     | Telfer Ranch            | 12   | 2N                 | 22E                  | 6000  | 16E5a         | I     | Squaw Flat              | 32      | 17N                | 2E                   | 6230  |  |  |  |  |  |  |  |
| MANN CREEK               |       |                         |      |                    |                      |       |               |       |                         |         |                    |                      |       |  |  |  |  |  |  |  |
| 16E9                     | I     | Mann Creek              | 29   |                    |                      |       | 16E8          | I     | Sturgill Ridge          | 28      | 15N                | 5W                   | 6680  |  |  |  |  |  |  |  |
| 16E8                     | I     | Sturgill Ridge          | 28   |                    |                      |       | 17E1          | I     | Robinson Creek Ridge    | 2       | 14N                | 6W                   | 6220  |  |  |  |  |  |  |  |
| 17E2                     | I     | Thorson Cabin           | 12   |                    |                      |       | 17E2          | I     | Thorson Cabin           | 12      | 14N                | 6W                   | 5320  |  |  |  |  |  |  |  |

### LEGEND

#### Numbering System (example)

|        |                                                            |
|--------|------------------------------------------------------------|
| 10J7   | SNOW COURSE ONLY.                                          |
| 10J7P  | SNOW COURSE AND PRECIPITATION GAGE.                        |
| 10J7M  | SNOW COURSE AND SOIL MOISTURE STATION.                     |
| 10J7A  | SNOW COURSE AND AERIAL MARKER.                             |
| 10J7s  | PRESSURE PILLOW ONLY.                                      |
| 10J7S  | SNOW COURSE AND PRESSURE PILLOW.                           |
| 10J7MA | SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.      |
| 10J7MP | SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE. |
| 10J7m  | SOIL MOISTURE STATION ONLY.                                |
| 10J7a  | AERIAL MARKER ONLY.                                        |
| 10J7p  | STORAGE PRECIPITATION GAGE ONLY.                           |

SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD            |                      |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|----------------------|
|                                   |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) | Last Year            |
| NAME                              | Elevation |                |                     |                        |                        | Average <sup>b</sup> |

CANYON CREEK

|                      |      |     |    |      |      |       |
|----------------------|------|-----|----|------|------|-------|
| Bennett Mountain     | 6650 | 4/4 | 57 | 21.4 | 13.2 | 17.5* |
| #Camas Creeks Divide | 5720 | 4/4 | 28 | 10.9 | 8.9  | --    |
| Little Camas Flat    | 4950 | 4/4 | 0  | 0.0  | 4.1  | --    |

BOISE RIVER

|                         |      |      |     |      |      |       |
|-------------------------|------|------|-----|------|------|-------|
| Atlanta Summit          | 7500 | 4/4  | 149 | 57.2 | 26.5 | 36.0  |
| Bad Bear                | 5500 | 3/29 | 53  | 20.1 | 7.2  | 13.2* |
| #Bennett Mountain       | 6650 | 4/4  | 57  | 21.4 | 13.2 | 17.5* |
| #Bogus Basin            | 6120 | 4/1  | 83  | 32.3 | 19.0 | 24.2  |
| Bogus Basin Road        | 5360 | 4/1  | 5   | 0.8  | 0.0  | 1.4   |
| #Camas Creeks Divide    | 5720 | 4/4  | 28  | 10.9 | 8.9  | --    |
| Couch Summit            | 6950 | 3/25 | 65  | 24.7 | 14.8 | 18.8* |
| Deadman Gulch           | 5600 | 3/27 | 54  | 21.0 | 9.4  | 15.4* |
| #Dollarhide Summit      | 8620 | 3/26 | 91  | 34.7 | 17.9 | 27.7* |
| Jackson Peak            | 7000 | 3/29 | 129 | 50.4 | 25.5 | 32.4  |
| #Little Camas Flat      | 4950 | 4/4  | 0   | 0.0  | 4.1  | --    |
| Moores Creek Summit     | 6100 | 3/29 | 116 | 46.4 | 24.2 | 32.5  |
| Prairie                 | 4900 | 3/28 | 12  | 4.3  | 0.0  | 2.8   |
| Road Creek (A)          | 5550 | 4/4  | 30  | 11.7 | 3.8  | --    |
| #Soldier Ranger Station | 6100 | 3/25 | 32  | 11.9 | 8.2  | 9.6   |
| Trinity Mountain        | 7780 | 4/4  | 166 | 70.7 | 33.9 | 42.9* |
| #Vienna Mine            | 8900 | 3/26 | 128 | 55.3 | 26.1 | 38.0  |

PAYETTE RIVER

|                         |      |      |     |      |      |       |
|-------------------------|------|------|-----|------|------|-------|
| #Big Creek Summit       | 6600 | 3/29 | 133 | 52.5 | 26.4 | 37.4  |
| Bogus Basin             | 6120 | 4/1  | 83  | 32.3 | 19.0 | 24.2  |
| #Brundage Mountain      | 7560 | 3/28 | 162 | 63.8 | 38.5 | 49.1* |
| Cozy Cove               | 5900 | 3/29 | 54  | 21.0 | 10.7 | 16.2  |
| Crawford Ranger Station | 4800 | 3/30 | 18  | 6.2  | 0.0  | 6.3   |
| #Deadman Gulch          | 5600 | 3/27 | 54  | 21.0 | 9.4  | 15.4* |
| Deadwood Airstrip       | 5440 | 3/28 | 50  | 19.4 | 9.0  | 15.3  |
| Deadwood Dam            | 5290 | 3/29 | 53  | 20.1 | 9.9  | 17.1  |
| Deadwood Summit         | 7000 | 4/5  | 192 | 73.7 | 38.6 | 47.0  |
| High Valley Summit      | 5170 | 3/27 | 40  | 14.2 | 10.7 | 11.8* |
| #Jackson Peak           | 7000 | 3/29 | 129 | 50.4 | 25.5 | 32.4  |
| Lake Fork               | 6000 | 3/26 | 62  | 23.8 | 11.7 | 16.1  |
| Rock Flat Summit        | 5200 | 3/28 | 66  | 24.4 | 13.2 | 18.6  |
| Secesh Summit           | 6600 | 3/26 | 135 | 59.8 | 30.2 | 37.6* |
| Squaw Meadow            | 5800 | 3/26 | 124 | 54.6 | 30.8 | 38.8* |
| Tripod Summit           | 5200 | 3/25 | 66  | 28.8 | 14.7 | 18.3* |

## SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD |         |
|-----------------------------------|-----------|----------------|---------------------|------------------------|-------------|---------|
|                                   |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Last Year   | Average |
| NAME                              | Elevation |                |                     |                        |             |         |

WEISER RIVER

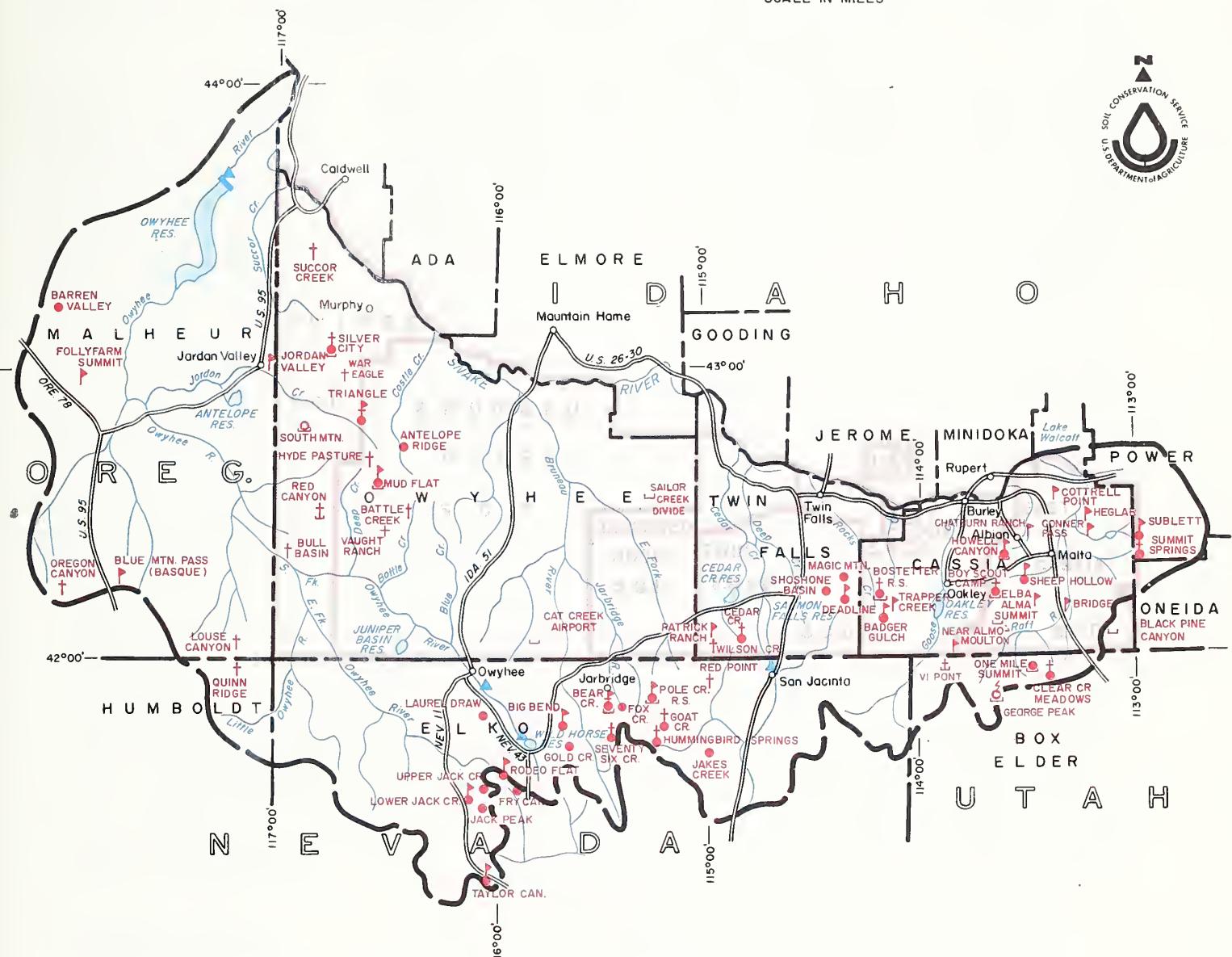
|               |      |      |    |      |      |      |
|---------------|------|------|----|------|------|------|
| Boulder Creek | 5500 | 3/28 | 90 | 39.2 | 18.6 | 24.8 |
| Placer Creek  | 6000 | 3/27 | 69 | 24.2 | 17.7 | 18.2 |

MANN CREEK

|                      |      |     |     |      |      |    |
|----------------------|------|-----|-----|------|------|----|
| Mann Creek           | 5980 | 4/1 | 88  | 39.3 | 23.0 | -- |
| Robinson Creek Ridge | 6220 | 4/1 | 65  | 25.6 | 19.4 | -- |
| Sturgill Ridge       | 6680 | 4/1 | 115 | 47.1 | 27.6 | -- |
| Thorson Cabin        | 5320 | 4/1 | 50  | 19.1 | 13.3 | -- |

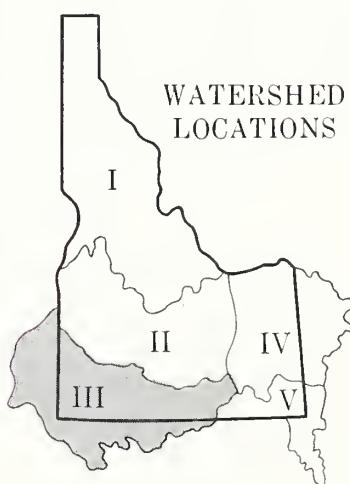
# MIDDLE SNAKE RIVER BASIN SOUTHSIDE

25 0 25 50 75  
SCALE IN MILES



## LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- † Aerial Snow Depth Gage
- Soil Moisture Station
- Temperature Gage
- Precipitation Gage
- Radio Telemetry



# INDEX to SNOW COURSES

| NO.                        | STATE | NAME                                                       | SEC. | TWP.<br>OR<br>LAT. | RGE.<br>AND<br>LONG. | ELEV. | NO.          | STATE | NAME                        | SEC.             | TWP.<br>OR<br>LAT. | RGE.<br>AND<br>LONG. | ELEV. |      |  |  |  |  |  |  |
|----------------------------|-------|------------------------------------------------------------|------|--------------------|----------------------|-------|--------------|-------|-----------------------------|------------------|--------------------|----------------------|-------|------|--|--|--|--|--|--|
| MIDDLE SNAKE RIVER BASIN   |       |                                                            |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| SOUTHSIDE                  |       |                                                            |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| RAFT RIVER                 |       |                                                            |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 13G15p                     | I     | Black Pine Canyon                                          | 28   | 15S                | 29E                  | 7100  | 15H1MAP      | N     | Bear Creek                  | 31               | 46N                | 58E                  | 7800  |      |  |  |  |  |  |  |
| 13G2AP                     | I     | Boy Scout Camp                                             | 8    | 14S                | 24E                  | 7600  | 15G3p        | I     | Cat Creek Airport           | 9                | 16S                | 6E                   | 5700  |      |  |  |  |  |  |  |
| 13G11m                     | I     | Bridge                                                     | 7    | 15S                | 27E                  | 4750  | 15H2         | N     | Fox Creek                   | 33               | 46N                | 58E                  | 6800  |      |  |  |  |  |  |  |
| 13G13m                     | I     | Chatburn Ranch                                             | 4    | 12S                | 25E                  | 4700  | 15H15A       | N     | Hummingbird Springs         | 6                | 45N                | 60E                  | 8945  |      |  |  |  |  |  |  |
| 13H2A                      | U     | Clear Creek Meadows                                        | 26   | 14N                | 14W                  | 9050  | 15H14MP      | N     | Pole Creek Ranger Station   | 13               | 46N                | 59E                  | 8330  |      |  |  |  |  |  |  |
| 13G6m                      | I     | Conner Pass                                                | 35   | 12S                | 25E                  | 5700  | 15G4p        | I     | Sailor Creek Divide         | 21               | 10S                | 10E                  | 4350  |      |  |  |  |  |  |  |
| 13G7m                      | I     | Cottrell Point                                             | 24   | 10S                | 25E                  | 4490  | OWYHEE RIVER |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 13G10m                     | I     | Elba-Almo Summit                                           | 29   | 14S                | 25E                  | 5690  | 16G6         | f     | Antelope Ridge              | 20               | 8S                 | 1E                   | 5900  |      |  |  |  |  |  |  |
| 13H4sp                     | U     | George Peak                                                | 4    | 13N                | 14W                  | 9000  | 18F5         | O     | Barren Valley               | 26               | 17S                | 38E                  | 4200  |      |  |  |  |  |  |  |
| 13G8m                      | I     | Heglar                                                     | 19   | 11S                | 28E                  | 4590  | 16G9a        | I     | Battle Creek                | 10               | 11S                | 1E                   | 5700  |      |  |  |  |  |  |  |
| 13G1MP                     | I     | Howell Canyon                                              | 2    | 13S                | 24E                  | 8000  | 15H4M        | N     | Big Bend                    | 30               | 45N                | 56E                  | 6700  |      |  |  |  |  |  |  |
| 13G12m                     | I     | Moulton                                                    | 27   | 16S                | 23E                  | 5950  | 17G2m        | O     | Blue Mountain Pass (Basque) | 4                | 38S                | 42E                  | 5290  |      |  |  |  |  |  |  |
| 13G14p                     | I     | Near Almo                                                  | 35   | 15S                | 24E                  | 5200  | 16G10a       | I     | Bull Basin                  | 19               | 12S                | 5W                   | 5600  |      |  |  |  |  |  |  |
| 13H1P                      | U     | One Mile Summit                                            | 19   | 14N                | 14W                  | 7330  | 18G3m        | O     | Folly Farm Summit           | 8                | 30S                | 38E                  | 4450  |      |  |  |  |  |  |  |
| 13G5M                      | I     | Sheep Hollow                                               | 4    | 14S                | 24E                  | 6200  | 15H7         | N     | Fry Canyon                  | 31               | 43N                | 54E                  | 6700  |      |  |  |  |  |  |  |
| 12G8M                      | I     | Sublett                                                    | 8    | 12S                | 30E                  | 6000  | 15H5         | N     | Gold Creek                  | 31               | 45N                | 56E                  | 6600  |      |  |  |  |  |  |  |
| 12G9A                      | I     | Summit Springs                                             | 15   | 13S                | 30E                  | 5400  | 16G5a        | I     | Hyde Pasture                | SE $\frac{1}{2}$ | 31                 | 8S                   | 2W    | 5800 |  |  |  |  |  |  |
| GOOSE - TRAPPER CREEK      |       |                                                            |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 14G3M                      | I     | Badger Gulch                                               | 24   | 15S                | 19E                  | 6660  | 16H4         | N     | Jacks Peak                  | 28               | 42N                | 53E                  | 8420  |      |  |  |  |  |  |  |
| 14G1AP                     | I     | Bostetter Ranger Station                                   | 35   | 14S                | 19E                  | 7500  | 17G3m        | O     | Jordan Valley               | 2                | 30S                | 46E                  | 4390  |      |  |  |  |  |  |  |
| 14G7m                      | I     | Trapper Creek                                              | 2    | 15S                | 20E                  | 5300  | 16H5         | N     | Laurel Draw                 | 20               | 45N                | 53E                  | 6700  |      |  |  |  |  |  |  |
| 13H3ap                     | U     | Vi Pont                                                    | 17   | 14N                | 17W                  | 7670  | 17G4a        | O     | Louise Canyon               | 27               | 40S                | 44E                  | 6440  |      |  |  |  |  |  |  |
| SALMON FALLS CREEK         |       |                                                            |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 14G5A                      | I     | Cedar Creek                                                | 25   | 15S                | 13E                  | 000   | 16H1M        | N     | Lower Jack Creek            | 18               | 42N                | 53E                  | 6800  |      |  |  |  |  |  |  |
| 14G4M                      | I     | Deadline                                                   | 25   | 14S                | 18E                  | 6900  | 16G7MP       | I     | Mud Flat                    | 34               | 9S                 | 2W                   | 5500  |      |  |  |  |  |  |  |
| 15H13A                     | N     | Goat Creek                                                 | 31   | 46N                | 60E                  | 8800  | 17G5a        | O     | Oregon Canyon               | 9                | 40S                | 40E                  | 6950  |      |  |  |  |  |  |  |
| 14H1                       | N     | Jakes Creek                                                | 6    | 42N                | 62E                  | 7000  | 17H6a        | N     | Quinn Ridge                 | 9                | 47N                | 41E                  | 6300  |      |  |  |  |  |  |  |
| 14G2                       | I     | Magic Mountain                                             | 14   | 14S                | 18E                  | 6700  | 16G11ap      | I     | Red Canyon                  | 32               | 11S                | 4W                   | 6650  |      |  |  |  |  |  |  |
| 15G1m                      | I     | Patrick Ranch                                              | 23   | 15S                | 12E                  | 5720  | 15H6M        | N     | Rodeo Flat                  | 36               | 43N                | 53E                  | 6800  |      |  |  |  |  |  |  |
| 15H18a                     | N     | Red Point                                                  | 15   | 47N                | 61E                  | 7940  | 16F3AP       | I     | Silver City                 | 6                | 5S                 | 3W                   | 6400  |      |  |  |  |  |  |  |
| 14G6                       | I     | Shoshone Basin                                             | 24   | 14S                | 17E                  | 5740  | 16G1PS       | I     | South Mountain              | 35               | 7S                 | 5W                   | 6340  |      |  |  |  |  |  |  |
| 15G2a                      | I     | Wilson Creek                                               | 24   | 16S                | 12E                  | 7500  | 16F6a        | I     | Succor Creek                | 25               | 3S                 | 5W                   | 6100  |      |  |  |  |  |  |  |
| LEGEND                     |       |                                                            |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| Numbering System (example) |       |                                                            |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 10J7                       |       | SNOW COURSE ONLY.                                          |      |                    |                      |       | 16H9M        | N     | Taylor Canyon               | 35               | 39N                | 53E                  | 6200  |      |  |  |  |  |  |  |
| 10J7P                      |       | SNOW COURSE AND PRECIPITATION GAGE.                        |      |                    |                      |       | 16G4MA       | I     | Triangle                    | N $\frac{1}{2}$  | 35                 | 7S                   | 3W    | 5150 |  |  |  |  |  |  |
| 10J7M                      |       | SNOW COURSE AND SOIL MOISTURE STATION.                     |      |                    |                      |       | 16H2         | N     | Upper Jack Creek            | 9                | 42N                | 53E                  | 7250  |      |  |  |  |  |  |  |
| 10J7A                      |       | SNOW COURSE AND AERIAL MARKER.                             |      |                    |                      |       | 16G12a       | I     | Vaught Ranch                | 10               | 11S                | 1W                   | 5950  |      |  |  |  |  |  |  |
| 10J7s                      |       | PRESSURE PILLOW ONLY.                                      |      |                    |                      |       | 16G13a       | I     | War Eagle                   | 20               | 5S                 | 3W                   | 7700  |      |  |  |  |  |  |  |
| 10J7S                      |       | SNOW COURSE AND PRESSURE PILLOW.                           |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 10J7MA                     |       | SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.      |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 10J7MP                     |       | SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE. |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 10J7m                      |       | SOIL MOISTURE STATION ONLY.                                |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 10J7a                      |       | AERIAL MARKER ONLY.                                        |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |
| 10J7p                      |       | STORAGE PRECIPITATION GAGE ONLY.                           |      |                    |                      |       |              |       |                             |                  |                    |                      |       |      |  |  |  |  |  |  |

SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD            |           |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|-----------|
|                                   |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) | Last Year |
| NAME                              | Elevation |                |                     |                        |                        |           |

MIDDLE SNAKE RIVER BASIN - SOUTHSIDERAFT RIVER

|                   |      |      |     |     |      |      |       |
|-------------------|------|------|-----|-----|------|------|-------|
| Boy Scout Camp    |      | 7600 | 4/4 | 45  | 17.7 | 19.9 | 15.0  |
| Clear Creek Mdws. | Utah | 9050 | 4/4 | 76  | 26.2 | 25.5 | 21.6* |
| George Peak (SP)  |      | 9000 | 4/1 | --  | 35.2 | --   | --    |
| Howell Canyon     |      | 8000 | 4/6 | 102 | 41.8 | 25.9 | 25.7  |
| One Mile Summit   | Utah | 7330 | 4/4 | 23  | 8.5  | 9.6  | 8.0*  |
| Sheep Hollow      |      | 6200 | 4/4 | 12  | 5.1  | 11.2 | 4.8*  |
| Sublett           |      | 6000 | 4/4 | 41  | 16.4 | 11.3 | 10.3  |
| Summit Springs    |      | 6400 | 4/4 | 34  | 14.8 | 13.0 | 9.2   |

GOOSE CREEK

|                          |  |      |     |    |      |      |      |
|--------------------------|--|------|-----|----|------|------|------|
| Badger Gulch             |  | 6660 | 4/4 | 48 | 19.4 | 13.6 | 12.0 |
| Bostetter Ranger Station |  | 7500 | 4/4 | 73 | 28.4 | 21.0 | 19.5 |
| Vi Pont (A)              |  | 7670 | 4/4 | 53 | 20.0 | 18.0 | --   |

SALMON FALLS CREEK

|                      |      |      |      |    |      |      |       |
|----------------------|------|------|------|----|------|------|-------|
| #Bear Creek          | Nev. | 7800 | 3/27 | 57 | 20.9 | 22.8 | 21.0  |
| Cedar Creek          |      | 7000 | 3/27 | 30 | 9.9  | 11.2 | 9.3   |
| Deadline             |      | 6900 | 3/26 | 70 | 29.2 | 26.0 | 22.9  |
| #Fox Creek           | Nev. | 6800 | 3/27 | 23 | 8.0  | 11.7 | 9.4*  |
| Goat Creek           | Nev. | 8800 | 3/27 | 55 | 18.8 | 20.2 | 18.8  |
| #Hummingbird Springs | Nev. | 8945 | 3/27 | 72 | 25.4 | 24.2 | 23.6  |
| Magic Mountain       |      | 6700 | 3/26 | 59 | 25.5 | 21.4 | 18.7  |
| #Pole Creek R. S.    | Nev. | 8330 | 3/27 | 62 | 21.9 | 23.4 | 20.6  |
| Red Point            | Nev. | 7940 | 3/27 | 36 | 13.6 | 14.7 | 10.3* |
| Shoshone Basin       |      | 5740 | 3/26 | 13 | 5.7  | 6.7  | 3.7*  |
| Wilson Creek         |      | 7500 | 3/27 | 30 | 9.9  | 14.3 | 12.1* |

BRUNEAU RIVER

|                     |      |      |      |    |      |      |       |
|---------------------|------|------|------|----|------|------|-------|
| Bear Creek          | Nev. | 7800 | 3/27 | 57 | 20.9 | 22.8 | 21.0  |
| Fox Creek           | Nev. | 6800 | 3/27 | 23 | 8.0  | 11.7 | 10.0* |
| Hummingbird Springs | Nev. | 8945 | 3/27 | 72 | 25.4 | 24.2 | 23.6  |
| Pole Creek R. S.    | Nev. | 8330 | 3/27 | 62 | 21.9 | 23.4 | 20.6  |
| #Seventy-six Creek  | Nev. | 7100 | 3/27 | 35 | 12.9 | 12.1 | 11.6* |

OWYHEE RIVER

|                  |      |      |      |    |      |      |       |
|------------------|------|------|------|----|------|------|-------|
| Antelope Ridge   |      | 5900 | 3/29 | 22 | 7.0  | 6.7  | 5.5*  |
| Battle Creek (A) |      | 5700 | 3/26 | T  | T    | 0.8  | 1.8   |
| #Bear Creek      | Nev. | 7800 | 3/27 | 57 | 20.9 | 22.8 | 21.0  |
| Bull Basin (A)   |      | 5600 | 3/26 | 0  | 0.0  | 0.0  | 0.5*  |
| #Fox Creek       | Nev. | 6800 | 3/27 | 23 | 8.0  | 11.7 | 10.0* |
| Hyde Pasture (A) |      | 5800 | 3/26 | 18 | 5.8  | 0.8  | 3.0   |

(b) 1958-72, 15 year period. #Not located directly on this drainage. \* Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

## SNOW

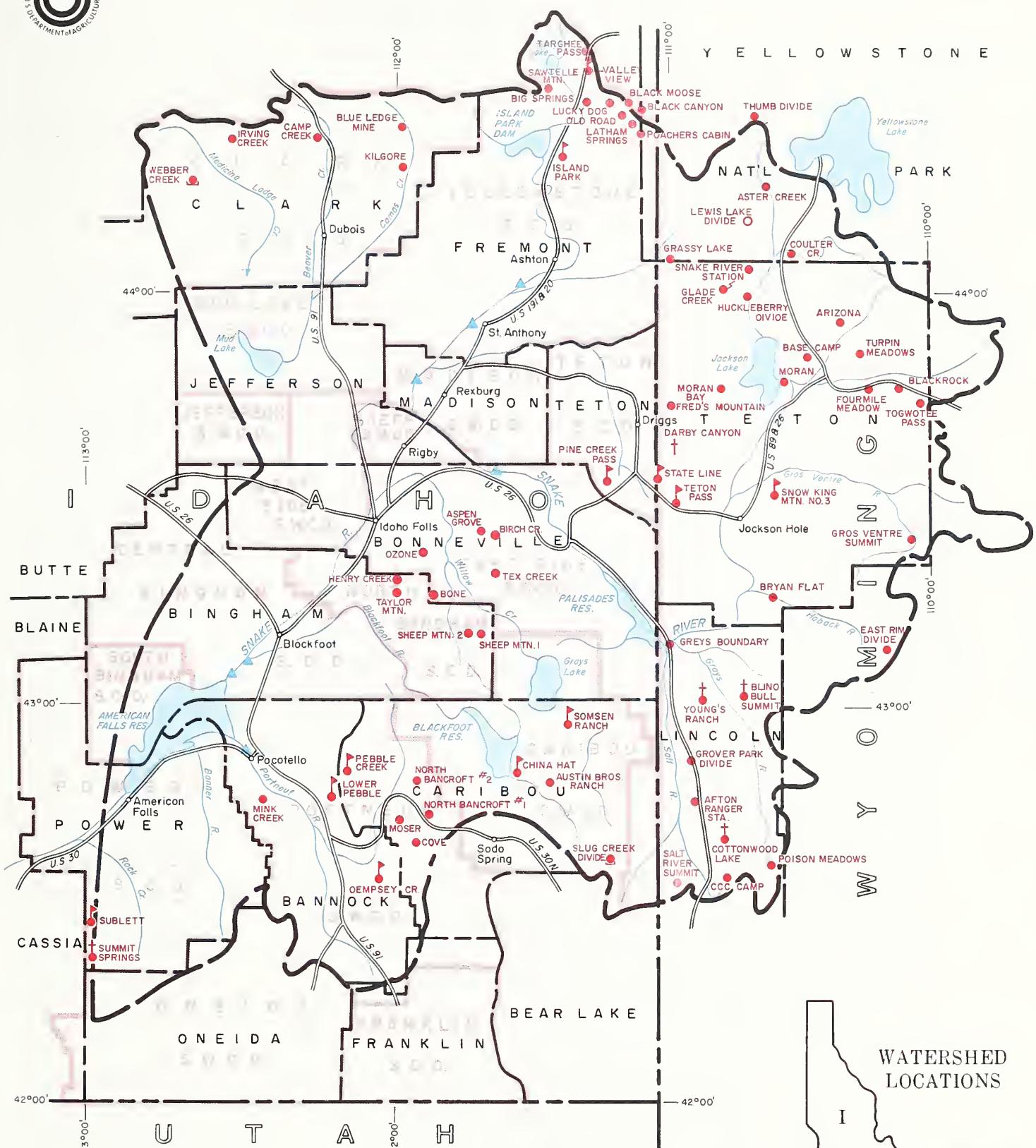
| DRAINAGE BASIN and/or SNOW COURSE |      | THIS YEAR      |                     |                        | PAST RECORD            |           |
|-----------------------------------|------|----------------|---------------------|------------------------|------------------------|-----------|
|                                   |      | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) | Last Year |
| Mud Flat                          | 5500 | 3/29           | 12                  | 3.9                    | 4.7                    | 4.4       |
| Red Canyon (A)                    | 6650 | 3/28           | 21                  | 6.7                    | 6.8                    | 4.6*      |
| #Seventy-six Creek Nev.           | 7100 | 3/27           | 35                  | 12.9                   | 12.1                   | 11.6*     |
| Silver City                       | 6400 | 3/28           | 51                  | 20.6                   | 10.5                   | 15.1      |
| South Mountain                    | 6340 | 3/28           | 39                  | 17.6                   | 9.4                    | 11.8      |
| Succor Creek (A)                  | 6100 | 3/28           | 12                  | 3.8                    | 3.4                    | 4.6*      |
| Triangle (A)                      | 5150 | 3/26           | 0                   | 0.0                    | 0.0                    | 0.2*      |
| Vaught Ranch (A)                  | 5950 | 3/26           | 0                   | 0.0                    | 0.8                    | 1.3*      |
| War Eagle (A)                     | 7700 | 3/26           | 60                  | 24.0                   | 25.1                   | 22.2*     |

(b) 1958-72, 15 year period. #Not located directly on this drainage. \*Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

# UPPER SNAKE RIVER BASIN



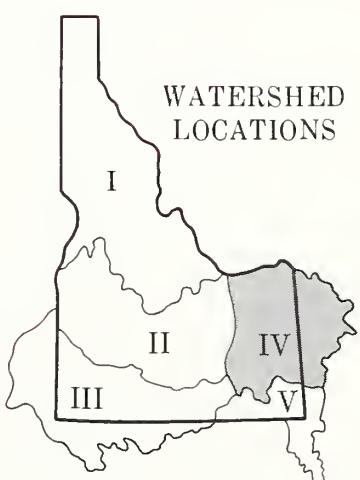
25 0 25 50  
SCALE IN MILES



## LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- † Aerial Snow Depth Gage
- Sail Moisture Station
- ▲ Temperature Gage
- Precipitation Gage
- ◆ Radio Telemetry

WATERSHED LOCATIONS



# INDEX to SNOW COURSES

| NO.                            | STATE | NAME                  | SEC.<br>OR<br>LAT. | TWP.<br>AND<br>LONG. | ELEV. | NO.                         | STATE | NAME                  | SEC.<br>OR<br>LAT. | TWP.<br>AND<br>LONG. | ELEV. |  |  |  |  |  |  |
|--------------------------------|-------|-----------------------|--------------------|----------------------|-------|-----------------------------|-------|-----------------------|--------------------|----------------------|-------|--|--|--|--|--|--|
| <b>UPPER SNAKE RIVER BASIN</b> |       |                       |                    |                      |       |                             |       |                       |                    |                      |       |  |  |  |  |  |  |
| <b>SNAKE RIVER - WYOMING</b>   |       |                       |                    |                      |       |                             |       |                       |                    |                      |       |  |  |  |  |  |  |
| 10G4                           | Wy    | Afton Ranger Station  | 30                 | 32N 118W             | 6200  | 10F21a                      | Wy    | Darby Canyon          | 28                 | 43N 118W             | 8250  |  |  |  |  |  |  |
| 10F1                           | Wy    | Arizona               | 3                  | 46N 115W             | 6850  | 10F22                       | Wy    | Freds Mountain        | 12                 | 44N 118W             | 8000  |  |  |  |  |  |  |
| 10E8                           | Wy    | Aster Creek           | 44° 17'            | 110° 38'             | 7700  | 11F2M                       | I     | Pine Creek Pass       | 24                 | 3N 44E               | 6750  |  |  |  |  |  |  |
| 10F2                           | Wy    | Base Camp             | 20                 | 46N 113W             | 6900  | 11F1M                       | I     | State Line            | 32                 | 3N 46E               | 6400  |  |  |  |  |  |  |
| 10F7                           | Wy    | Blackrock             | 4                  | 44N 111W             | 8600  | 10F13M                      | Wy    | Teton Pass            | 24                 | 41N 118W             | 8500  |  |  |  |  |  |  |
| 10G2A                          | Wy    | Blind Bull            | 6                  | 34N 115W             | 8750  | <b>TETON RIVER</b>          |       |                       |                    |                      |       |  |  |  |  |  |  |
| 10F14                          | Wy    | Bryan Flat            | 9                  | 38N 115W             | 6250  | 11E11                       | I     | Blue Ledge Mine       | 27                 | 13N 38E              | 6700  |  |  |  |  |  |  |
| 10G7                           | Wy    | CCC Camp              | 9                  | 29N 118W             | 7500  | 12E3                        | I     | Camp Creek            | 21                 | 13N 36E              | 6800  |  |  |  |  |  |  |
| 10G5A                          | Wy    | Cottonwood Lake       | 25                 | 31N 118W             | 7500  | 11E12                       | I     | Kilgore               | 6                  | 12N 39E              | 6200  |  |  |  |  |  |  |
| 10E10                          | Wy    | Coulter Creek         | 44° 09'            | 110° 33'             | 7600  | <b>CAMAS - BEAVER CREEK</b> |       |                       |                    |                      |       |  |  |  |  |  |  |
| 10F17MP                        | Wy    | East Rim Divide #2    | 32                 | 37N 111W             | 7950  | 12E4                        | I     | Irving Creek          | 20                 | 13N 33E              | 7035  |  |  |  |  |  |  |
| 10F6                           | Wy    | Four Mile Meadows     | 35                 | 45N 112W             | 7770  | 12E5                        | I     | Webber Creek          | 23                 | 12N 32E              | 6700  |  |  |  |  |  |  |
| 10E13                          | Wy    | Glade Creek           | 12                 | 48N 116W             | 7200  | <b>MEDICINE LODGE CREEK</b> |       |                       |                    |                      |       |  |  |  |  |  |  |
| 10F18                          | Wy    | Greys Boundary        | 33                 | 37N 118W             | 5800  | 11F10                       | I     | Aspen Grove           | 35                 | 2N 41E               | 6600  |  |  |  |  |  |  |
| 10F19                          | Wy    | Gros Ventre Summit    | 36                 | 40N 111W             | 8750  | 11F3                        | I     | Birch Creek           | 36                 | 2N 41E               | 6800  |  |  |  |  |  |  |
| 10G3                           | Wy    | Grover Park Divide    | 27                 | 33N 118W             | 7500  | 11F8                        | I     | Bone                  | 29                 | 1S 40E               | 6200  |  |  |  |  |  |  |
| 10E14                          | Wy    | Huckleberry Divide    | 32                 | 48N 115W             | 7300  | 11F4                        | I     | Ozone                 | 14                 | 1N 39E               | 5800  |  |  |  |  |  |  |
| 10E9PS                         | Wy    | Lewis Lake Divide     | 44° 13'            | 110° 40'             | 7900  | 11F9                        | I     | Sheep Mountain I      | 33                 | 2S 41E               | 6450  |  |  |  |  |  |  |
| 10F4MP                         | Wy    | Moran                 | 8 & 17             | 45N 114W             | 6800  | 11F11                       | I     | Sheep Mountain II     | 33                 | 2S 41E               | 6510  |  |  |  |  |  |  |
| 10F3                           | Wy    | Moran Bay             | 14                 | 45N 116W             | 6800  | 11F5                        | I     | Tex Creek             | 6                  | 1S 42E               | 6700  |  |  |  |  |  |  |
| 10G6                           | Wy    | Poison Meadows        | 29                 | 30N 116W             | 8500  | <b>WILLOW CREEK</b>         |       |                       |                    |                      |       |  |  |  |  |  |  |
| 10G8P                          | Wy    | Salt River Summit     | 32                 | 29N 118W             | 7900  | 11F6                        | I     | Henry Creek           | 7                  | 1S 39E               | 5650  |  |  |  |  |  |  |
| 10E12MP                        | Wy    | Snake River Station   | 9                  | 48N 115W             | 6780  | 11F7                        | I     | Taylor Mountain       | 19                 | 1S 39E               | 6500  |  |  |  |  |  |  |
| 10F20M                         | Wy    | Snow King Mountain #3 | 4                  | 40N 117W             | 7600  | <b>SAND CREEK</b>           |       |                       |                    |                      |       |  |  |  |  |  |  |
| 10E7                           | Wy    | Thumb Divide          | 44° 22'            | 110° 35'             | 7900  | 11G3                        | I     | Austin Brothers Ranch | 28                 | 7S 43E               | 6450  |  |  |  |  |  |  |
| 10F9MP                         | Wy    | Togwotee Pass         | 29                 | 44N 110W             | 9600  | 11G2M                       | I     | China Hat             | 17                 | 7S 42E               | 6300  |  |  |  |  |  |  |
| 10F5                           | Wy    | Turpin Meadows        | 14                 | 45N 112W             | 6930  | 11G5P                       | I     | Slug Creek Divide     | 15                 | 10S 44E              | 7225  |  |  |  |  |  |  |
| 10G1A                          | Wy    | Young's Ranch         | 26                 | 34N 116W             | 6530  | 11G1M                       | I     | Somson Ranch          | 25                 | 5S 43E               | 7000  |  |  |  |  |  |  |
| <b>HENRYS FORK RIVER</b>       |       |                       |                    |                      |       |                             |       |                       |                    |                      |       |  |  |  |  |  |  |
| 11E9                           | I     | Big Springs           | 34                 | 14N 44E              | 6500  | <b>BLACKFOOT RIVER</b>      |       |                       |                    |                      |       |  |  |  |  |  |  |
| 11E18                          | I     | Black Canyon          | 11                 | 13N 45E              | 7850  | 11G3                        | I     | Cove                  | 21                 | 9S 39E               | 5525  |  |  |  |  |  |  |
| 11E19                          | I     | Black Moose           | 33                 | 14N 45E              | 8125  | 12G5                        | I     | Dempsey Creek         | 17                 | 10S 38E              | 6280  |  |  |  |  |  |  |
| 10E15                          | Wy    | Grassy Lake           | 6                  | 48N 117W             | 7230  | 12G6M                       | I     | Lower Pebble          | 7                  | 8S 38E               | 5800  |  |  |  |  |  |  |
| 11E10M                         | I     | Island Park           | 29                 | 13N 43E              | 6315  | 12G1                        | I     | Mink Creek            | 33                 | 7S 34E               | 6300  |  |  |  |  |  |  |
| 11E16                          | I     | Latham Springs        | 9                  | 13N 45E              | 7650  | 11G24                       | I     | Moser                 | 20                 | 8S 39E               | 5950  |  |  |  |  |  |  |
| 11E14                          | I     | Lucky Dog             | 2                  | 13N 45E              | 6900  | 11G23                       | I     | North Bancroft #1     | 15                 | 8S 39E               | 5460  |  |  |  |  |  |  |
| 11E15                          | I     | Old Road              | 12                 | 13N 44E              | 7250  | 11G22                       | I     | North Bancroft #2     | 27                 | 7S 39E               | 5430  |  |  |  |  |  |  |
| 11E17                          | I     | Poacher's Cabin       | 11                 | 13N 45E              | 8000  | 12G2M                       | I     | Pebble Creek          | 34                 | 7S 37E               | 6550  |  |  |  |  |  |  |
| 11E32                          | I     | Sawtelle Mountain     | 7                  | 14N 43E              | 8715  | <b>PORTNEUF RIVER</b>       |       |                       |                    |                      |       |  |  |  |  |  |  |
| 11E34                          | I     | Targhee Pass          | 32                 | 16N 44E              | 7000  | 11G2M                       | I     | Portneuf River        | 28                 | 7S 43E               | 6450  |  |  |  |  |  |  |
| 11E8M                          | I     | Valley View           | 7                  | 15N 44E              | 6500  | 11G2M                       | I     | China Hat             | 17                 | 7S 42E               | 6300  |  |  |  |  |  |  |
| 11G5P                          | I     | Slug Creek Divide     |                    |                      |       | 11G2M                       | I     | Lower Pebble          | 7                  | 8S 38E               | 5800  |  |  |  |  |  |  |
| 11G1M                          | I     | Somson Ranch          |                    |                      |       | 12G1                        | I     | Mink Creek            | 33                 | 7S 34E               | 6300  |  |  |  |  |  |  |

### LEGEND

#### Numbering System (example)

- 10J7 SNOW COURSE ONLY.
- 10J7P SNOW COURSE AND PRECIPITATION GAGE.
- 10J7M SNOW COURSE AND SOIL MOISTURE STATION.
- 10J7A SNOW COURSE AND AERIAL MARKER.
- 10J7s PRESSURE PILLOW ONLY.
- 10J7S SNOW COURSE AND PRESSURE PILLOW.
- 10J7MA SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.
- 10J7MP SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE.
- 10J7m SOIL MOISTURE STATION ONLY.
- 10J7a AERIAL MARKER ONLY.
- 10J7p STORAGE PRECIPITATION GAGE ONLY.

SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | Date of Survey | THIS YEAR           |                        | PAST RECORD |                      |
|-----------------------------------|-----------|----------------|---------------------|------------------------|-------------|----------------------|
| NAME                              | Elevation |                | Snow Depth (Inches) | Water Content (Inches) | Last Year   | Average <sup>b</sup> |

UPPER SNAKE RIVER BASINCAMAS-BEAVER CREEKS

|                 |      |      |    |      |      |      |
|-----------------|------|------|----|------|------|------|
| Blue Ledge Mine | 6700 | 3/30 | 64 | 23.3 | 14.7 | 17.2 |
| Camp Creek      | 6800 | 3/28 | 34 | 10.9 | 8.7  | 10.4 |
| Kilgore         | 6200 | 3/30 | 33 | 12.0 | 9.7  | 10.9 |

MEDICINE LODGE CREEK

|              |      |      |    |     |     |      |
|--------------|------|------|----|-----|-----|------|
| Webber Creek | 6700 | 3/29 | 26 | 7.2 | 5.8 | 5.7* |
|--------------|------|------|----|-----|-----|------|

HENRYS FORK RIVER

|                      |      |      |     |      |      |       |
|----------------------|------|------|-----|------|------|-------|
| Big Springs (New)    | 6500 | 3/28 | 80  | 30.0 | 17.4 | 21.3  |
| Black Canyon         | 7850 | 3/26 | 131 | 50.7 | 30.6 | 34.0* |
| Black Canyon (New)   | 7850 | 3/26 | 134 | 52.9 | 31.4 | --    |
| Black Moose          | 8125 | 3/26 | 143 | 60.5 | 36.2 | 39.8* |
| Grassy Lake          | 7230 | 3/27 | 119 | 48.8 | 29.8 | 35.0  |
| Island Park (New)    | 6315 | 3/28 | 63  | 22.3 | 13.7 | 16.4  |
| Latham Springs (New) | 7650 | 3/26 | 128 | 50.9 | 31.4 | 32.6* |
| Lucky Dog (New)      | 6900 | 3/26 | 99  | 38.2 | 18.8 | 24.2* |
| Sawtelle Mountain    | 8715 | 3/28 | 134 | 48.0 | 29.3 | --    |
| Targhee Pass         | 7000 | 3/28 | 58  | 18.0 | 10.5 | --    |
| Valley View          | 6500 | 3/28 | 55  | 19.7 | 10.8 | 17.7  |
| White Elephant       | 7700 | 3/28 | 118 | 42.2 | 21.0 | --    |

TETON RIVER

|                    |      |      |      |     |      |      |       |
|--------------------|------|------|------|-----|------|------|-------|
| Darby Canyon       | Wyo. | 8250 | 3/25 | 81  | 29.1 | 22.9 | --    |
| Freds Mountain     | Wyo. | 8000 | 3/25 | 84  | 30.1 | 22.3 | --    |
| Garns Mountain     |      | 8300 | 3/25 | 107 | 43.8 | 40.4 | --    |
| Indian Meadows     | Wyo. | 8200 | 3/25 | 120 | 48.8 | 33.3 | --    |
| Jackpine Creek     | Wyo. | 7500 | 3/25 | 74  | 28.6 | 20.6 | --    |
| McRenold Reservoir |      | 6800 | 3/25 | 64  | 23.9 | 18.9 | --    |
| Miles Creek        | Wyo. | 7500 | 3/25 | 44  | 15.9 | 13.0 | --    |
| Phillips Bench     | Wyo. | 8200 | 4/1  | 120 | 41.2 | 24.5 | --    |
| Pine Creek Pass    |      | 6750 | 3/25 | 62  | 22.8 | 16.4 | 17.7* |
| State Line         |      | 6400 | 3/25 | 52  | 17.0 | 13.1 | 8.7   |
| Teton Pass W. S.   | Wyo. | 8400 | 4/1  | 107 | 37.2 | 24.0 | --    |

WILLOW CREEK

|                  |  |      |     |    |      |      |       |
|------------------|--|------|-----|----|------|------|-------|
| Aspen Grove      |  | 6600 | 4/3 | 40 | 14.2 | 12.5 | 11.3* |
| Birch Creek      |  | 6800 | 4/3 | 45 | 16.6 | 10.4 | 13.9* |
| Blue Ridge       |  | 6775 | 4/3 | 54 | 20.4 | --   | --    |
| Bone             |  | 6200 | 4/3 | 23 | 7.9  | 8.2  | 6.8*  |
| Brockman Station |  | 6500 | 4/3 | 28 | 10.0 | --   | --    |
| Hell Creek       |  | 7100 | 4/3 | 48 | 17.4 | --   | --    |
| Ozone            |  | 5800 | 4/3 | 0  | 0.0  | 3.4  | 0.3*  |

(b) 1958-72, 15 year period. #Not located directly on this drainage. \*Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD |                      |
|-----------------------------------|-----------|----------------|---------------------|------------------------|-------------|----------------------|
|                                   |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Last Year   | Average <sup>b</sup> |
| NAME                              | Elevation |                |                     |                        |             |                      |
| Sheep Mountain                    | 6510      | 4/3            | 43                  | 15.9                   | 14.5        | 13.3*                |
| Tex Creek                         | 6550      | 4/3            | 30                  | 9.1                    | 9.9         | 9.2*                 |

SAND CREEK

|             |      |     |   |     |     |      |
|-------------|------|-----|---|-----|-----|------|
| Henry Creek | 5650 | 4/3 | 0 | 0.0 | 5.0 | 0.9* |
|-------------|------|-----|---|-----|-----|------|

BLACKFOOT RIVER

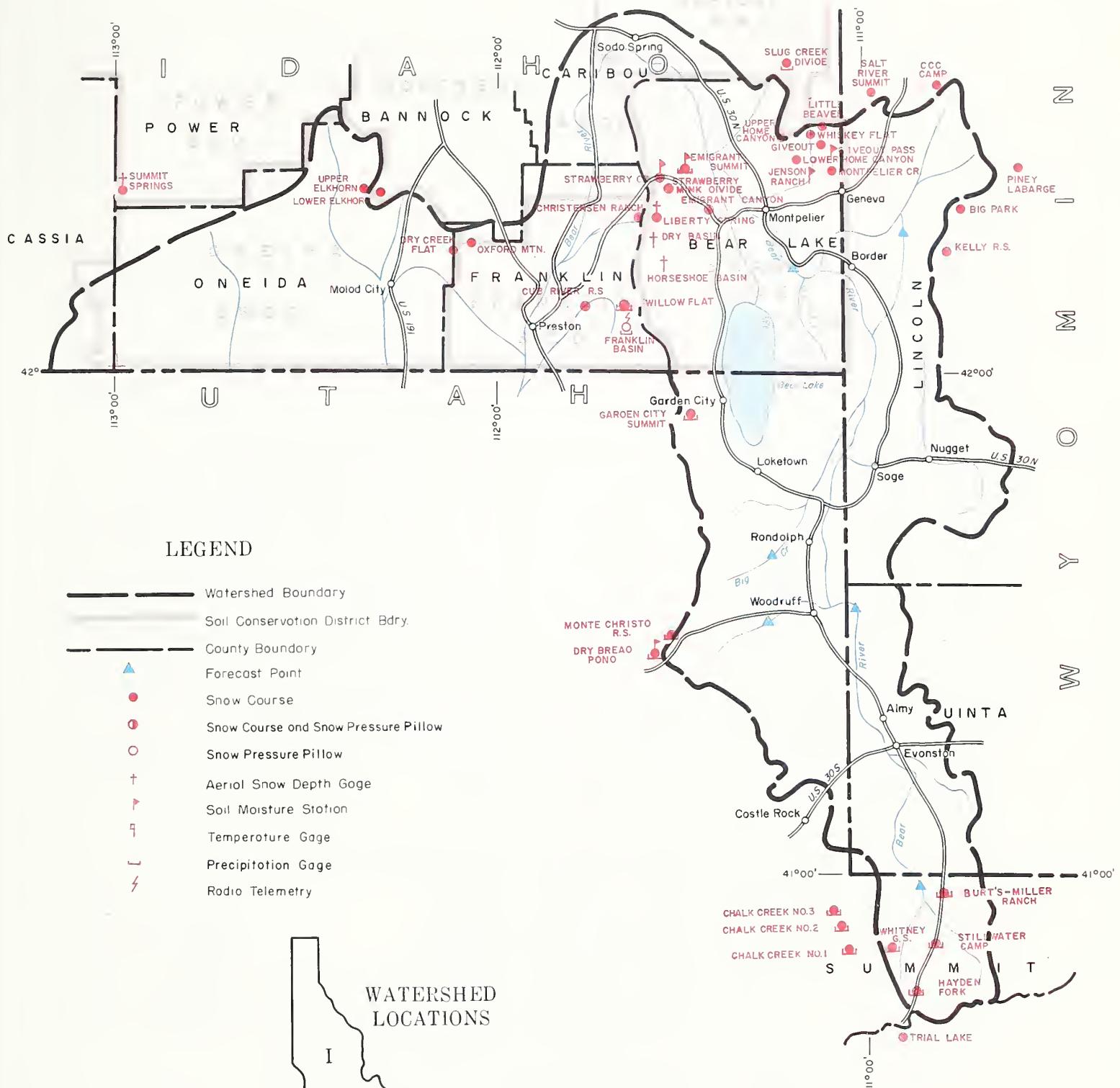
|                    |      |      |    |      |      |      |
|--------------------|------|------|----|------|------|------|
| Austin Bros. Ranch | 6450 | 3/29 | 22 | 8.9  | 9.8  | 8.8  |
| Slug Creek Divide  | 7225 | 3/27 | 42 | 15.0 | 16.5 | 16.7 |
| Somsen Ranch       | 7000 | 3/29 | 51 | 17.4 | 14.4 | 13.5 |

PORTNEUF RIVER

|               |      |      |    |      |      |       |
|---------------|------|------|----|------|------|-------|
| Dempsey Creek | 6280 | 3/26 | 33 | 13.0 | 12.8 | 12.4  |
| Lower Pebble  | 5800 | 3/26 | 36 | 14.0 | 11.5 | 12.8* |
| Mink Creek    | 6300 | 3/26 | 48 | 20.4 | 17.0 | 15.6  |
| Pebble Creek  | 6550 | 3/26 | 40 | 17.6 | 15.0 | 15.2  |

# GREAT BASIN

25 0 25 50  
SCALE IN MILES



# INDEX to SNOW COURSES

| NO. | STATE | NAME | SEC. | TWP.      | RGE.  | ELEV. |
|-----|-------|------|------|-----------|-------|-------|
|     |       |      | LAT. | OR<br>AND | LONG. |       |

## GREAT BASIN

### BEAR RIVER

|         |    |                           |    |     |      |      |
|---------|----|---------------------------|----|-----|------|------|
| 10G11   | Wy | Big Park                  | 7  | 27N | 117W | 8700 |
| 11H13MP | U  | Dry Bread Pond            | 19 | 8N  | 4E   | 8230 |
| 11G7    | I  | Emigration Canyon (mouth) | 24 | 12S | 42E  | 6500 |
| 11H7P   | U  | Garden City Summit        | 35 | 14N | 4E   | 7600 |
| 10J6P   | U  | Burt's-Miller Ranch       | 19 | 3N  | 10E  | 7900 |
| 10J7P   | U  | Hayden Fork               | 1  | 1S  | 9E   | 9300 |
| 10G12   | Wy | Kelly Ranger Station      | 13 | 26N | 118W | 8200 |
| 11H12P  | U  | Monte Cristo R. S.        | 3  | 8N  | 4E   | 8960 |
| 10G10   | Wy | Piney LaBarge             | 19 | 29N | 114W | 8820 |
| 10J17P  | U  | Stillwater Camp           | 32 | 2N  | 10E  | 8550 |
| 10J28P  | U  | Whitney G. S.             | 4  | 1N  | 9E   | 9300 |

### MONTPELIER CREEK

|        |   |                   |    |     |     |      |
|--------|---|-------------------|----|-----|-----|------|
| 11G16  | I | Giveout           | 35 | 11S | 45E | 6840 |
| 11G17m | I | Giveout Pass      | 2  | 12S | 45E | 7025 |
| 11G19m | I | Jenson Ranch      | 15 | 12S | 45E | 6580 |
| 11G20  | I | Little Beaver     | 26 | 11S | 45E | 6970 |
| 11G27  | I | Lower Home Canyon | 17 | 12S | 45E | 7500 |
| 11G18  | I | Montpelier Creek  | 22 | 12S | 45E | 6570 |
| 11G26  | I | Upper Home Canyon | 31 | 11S | 45E | 8500 |
| 11G21  | I | Whiskey Flat      | 26 | 11S | 45E | 6985 |

### MINK CREEK

|        |   |                        |    |     |     |      |
|--------|---|------------------------|----|-----|-----|------|
| 11G11  | I | Christensen Ranch      | 27 | 13S | 41E | 5600 |
| 11G14a | I | Dry Basin              | 30 | 13S | 42E | 7900 |
| 11G6MP | I | Emigrant Summit        | 21 | 12S | 42E | 7350 |
| 11G15a | I | Horseshoe Basin        | 31 | 13S | 42E | 8000 |
| 11G13A | I | Liberty Spring         | 7  | 13S | 42E | 8600 |
| 11G9M  | I | Strawberry Creek       | 9  | 13S | 41E | 5800 |
| 11G10  | I | Strawberry Mink Divide | 14 | 13S | 41E | 6800 |

### CUB RIVER

|       |   |                          |   |     |     |      |
|-------|---|--------------------------|---|-----|-----|------|
| 11G12 | I | Cub River Ranger Station | 5 | 15S | 41E | 5400 |
| 11G8S | I | Franklin Basin           | 1 | 16S | 41E | 8000 |
| 11G4P | I | Willow Flat              | 2 | 15S | 41E | 6100 |

### MALAD RIVER

|       |   |                 |    |     |     |      |
|-------|---|-----------------|----|-----|-----|------|
| 12G4  | I | Dry Creek Flat  | 31 | 13S | 37E | 6350 |
| 12G11 | I | Lower Elkhorn   | 30 | 12S | 36E | 6850 |
| 12G3  | I | Oxford Mountain | 32 | 13S | 37E | 6800 |
| 12G10 | I | Upper Elkhorn   | 25 | 12S | 35E | 7100 |

### LEGEND

#### Numbering System (example)

|        |                                                            |
|--------|------------------------------------------------------------|
| 10J7   | SNOW COURSE ONLY.                                          |
| 10J7P  | SNOW COURSE AND PRECIPITATION GAGE.                        |
| 10J7M  | SNOW COURSE AND SOIL MOISTURE STATION.                     |
| 10J7A  | SNOW COURSE AND AERIAL MARKER.                             |
| 10J7s  | PRESSURE PILLOW ONLY.                                      |
| 10J7S  | SNOW COURSE AND PRESSURE PILLOW.                           |
| 10J7MA | SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.      |
| 10J7MP | SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE. |
| 10J7m  | SOIL MOISTURE STATION ONLY                                 |
| 10J7a  | AERIAL MARKER ONLY.                                        |
| 10J7p  | STORAGE PRECIPITATION GAGE ONLY.                           |

SNOW

| DRAINAGE BASIN and/or SNOW COURSE |           | THIS YEAR      |                     |                        | PAST RECORD            |           |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|-----------|
| NAME                              | Elevation | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) | Last Year |
|                                   |           |                |                     |                        |                        | Average 6 |

GREAT BASINBEAR RIVER

|                   |      |      |    |      |      |      |
|-------------------|------|------|----|------|------|------|
| Emigrant Summit   | 7350 | 3/25 | 72 | 29.4 | 22.5 | 25.4 |
| Emigration Canyon | 6500 | 3/25 | 25 | 9.2  | 10.6 | 10.7 |

Montpelier Creek

|                   |      |      |    |      |      |       |
|-------------------|------|------|----|------|------|-------|
| Giveout           | 6840 | 3/27 | 39 | 12.1 | 11.5 | 12.5* |
| Little Beaver     | 6970 | 3/27 | 43 | 14.7 | 13.0 | 16.1* |
| Lower Home Canyon | 7500 | 3/27 | 44 | 14.6 | 11.4 | --    |
| Montpelier Creek  | 6570 | 3/27 | 22 | 6.8  | 7.5  | 8.4*  |
| Upper Home Canyon | 8500 | 3/27 | 67 | 24.5 | 19.4 | --    |
| Whiskey Flat      | 6985 | 3/27 | 26 | 8.1  | 8.5  | 9.3*  |

Mink Creek

|                        |      |      |     |      |      |       |
|------------------------|------|------|-----|------|------|-------|
| Christensen Ranch      | 5600 | 3/25 | 21  | 8.5  | 10.6 | 7.1   |
| Dry Basin              | 7900 | 3/27 | 83  | 32.9 | 27.4 | --    |
| #Emigrant Summit       | 7350 | 3/25 | 72  | 29.4 | 22.5 | 25.4  |
| Horseshoe Basin        | 8000 | 3/27 | 70  | 28.2 | 24.9 | --    |
| Liberty Spring         | 8600 | 3/27 | 116 | 46.7 | 32.6 | 36.8* |
| Strawberry Creek       | 5800 | 3/25 | 32  | 12.6 | 13.9 | 10.0  |
| Strawberry Mink Divide | 6800 | 3/25 | 59  | 24.9 | 24.2 | 21.5  |

Cub River

|                 |      |      |    |      |      |      |
|-----------------|------|------|----|------|------|------|
| Cub River R. S. | 5400 | 3/27 | 22 | 9.5  | 9.0  | 6.1  |
| #Franklin Basin | 8000 | 4/1  | 84 | 33.9 | 21.2 | 28.6 |
| Willow Flat     | 6100 | 3/27 | 42 | 17.0 | 15.0 | 13.3 |

MALAD RIVER

|                 |      |      |    |      |      |       |
|-----------------|------|------|----|------|------|-------|
| Cliff Canyon    | 7200 | 3/26 | 26 | 9.8  | 10.6 | --    |
| Daniels Creek   | 6400 | 3/26 | 12 | 4.5  | 9.4  | --    |
| Dry Creek Flat  | 6350 | 3/26 | 12 | 5.9  | 13.9 | 3.3   |
| Lower Elkhorn   | 6850 | 3/26 | 28 | 12.1 | 14.6 | 13.1* |
| Oxford Mountain | 6800 | 3/26 | 20 | 8.0  | 12.2 | 8.2   |
| Upper Elkhorn   | 7100 | 3/26 | 50 | 18.6 | 19.8 | 18.7* |

## SOIL MOISTURE

| STATION                   |           | PROFILE (Inches) |          | SOIL MOISTURE (Inches) |                   |                  |                   |
|---------------------------|-----------|------------------|----------|------------------------|-------------------|------------------|-------------------|
| NAME                      | ELEVATION | DEPTH            | CAPACITY | DATE                   | THIS YEAR         | LAST YEAR        | 2 YEARS AGO       |
| <u>SPOKANE RIVER</u>      |           |                  |          |                        |                   |                  |                   |
| Fourth of July Summit     | 3100      | 48               | 11.6     | 3/14                   | 10.2 <sup>m</sup> | 10.8             | 10.0              |
| Lookout                   | 5250      | 48               | 11.0     | 3/27                   | 8.6               | 7.6              | 8.6               |
| <u>SALMON RIVER</u>       |           |                  |          |                        |                   |                  |                   |
| Mill Creek Summit         | 8870      | 48               | 8.4      | 4/4                    | 4.2               | 4.1              | 4.2               |
| <u>Lemhi River</u>        |           |                  |          |                        |                   |                  |                   |
| Meadow Lake               | 9100      | 48               | 4.4      | 4/4                    | 2.6               | 2.1              | 2.4               |
| <u>LITTLE LOST RIVER</u>  |           |                  |          |                        |                   |                  |                   |
| Fairview Guard Station    | 5850      | 48               | 10.1     | 3/26                   | 8.5               | --               | 8.5               |
| Wet Creek Summit          | 8175      | 48               | 17.1     | 3/27                   | 13.2              | 12.4             | 13.5              |
| <u>BIG WOOD RIVER</u>     |           |                  |          |                        |                   |                  |                   |
| Galena Summit             | 8795      | 48               | 5.8      | 3/15                   | Frozen            | Frozen           | 1.8               |
| <u>BOISE RIVER</u>        |           |                  |          |                        |                   |                  |                   |
| Bogus Basin Road          | 4830      | 48               | 7.1      | 4/1                    | 5.6               | 5.7 <sup>m</sup> | --                |
| <u>RAFT RIVER</u>         |           |                  |          |                        |                   |                  |                   |
| Howell Canyon             | 8000      | 48               | 11.5     | 2/28                   | 9.1 <sup>m</sup>  | 8.8              | 7.6               |
| Sheep Hollow              | 6200      | 36               | 7.5      | 2/28                   | 6.8 <sup>m</sup>  | --               | 6.4               |
| Sublett                   | 6000      | 36               | 7.0      | 2/26                   | 6.4 <sup>m</sup>  | 5.1              | 6.8               |
| <u>GOOSE CREEK</u>        |           |                  |          |                        |                   |                  |                   |
| Badger Gulch              | 6660      | 36               | 7.0      | 2/26                   | 5.1 <sup>m</sup>  | 6.1              | 6.5 <sup>m</sup>  |
| <u>SALMON FALLS CREEK</u> |           |                  |          |                        |                   |                  |                   |
| Deadline                  | 6900      | 36               | 7.4      | 3/26                   | 7.1               | 7.1              | --                |
| Patrick Ranch             | 5720      | 36               | 7.7      | 2/23                   | 5.1 <sup>m</sup>  | 6.9              | 7.0 <sup>m</sup>  |
| Pole Creek R. S.          | 8330      | 48               | 9.7      | 3/27                   | 8.1               | 7.8              | 8.0 <sup>m</sup>  |
| <u>BRUNEAU RIVER</u>      |           |                  |          |                        |                   |                  |                   |
| Bear Creek                | 7800      | 72               | 16.9     | 3/27                   | 13.4              | 10.4             | 11.0 <sup>m</sup> |
| <u>HENRYS FORK RIVER</u>  |           |                  |          |                        |                   |                  |                   |
| Island Park               | 6315      | 48               | 9.9      | 3/28                   | 10.9              | 8.5              | 9.1               |
| Valley View               | 6500      | 48               | 13.3     | 3/28                   | 11.4              | 6.2              | 9.6               |

<sup>m</sup> March Measurement

## SOIL MOISTURE

| STATION<br>NAME         | ELEVATION | PROFILE (Inches) |          | SOIL MOISTURE (Inches) |              |              |                  |
|-------------------------|-----------|------------------|----------|------------------------|--------------|--------------|------------------|
|                         |           | DEPTH            | CAPACITY | DATE                   | THIS<br>YEAR | LAST<br>YEAR | 2 YEARS<br>AGO   |
| <u>PORTNEUF RIVER</u>   |           |                  |          |                        |              |              |                  |
| Lower Pebble            | 5800      | 36               | 7.6      | 3/26                   | 8.3          | 8.5          | 7.6 <sup>m</sup> |
| Pebble Creek            | 6550      | 48               | 7.2      | 3/26                   | 6.2          | 6.6          | 5.6 <sup>m</sup> |
| <u>BEAR RIVER</u>       |           |                  |          |                        |              |              |                  |
| Emigrant Summit         | 7350      | 36               | 9.2      | 3/25                   | 7.5          | 6.4          | 7.4              |
| Strawberry Creek        | 5800      | 48               | 12.7     | 3/25                   | 12.1         | 8.2          | 12.2             |
| <u>Montpelier Creek</u> |           |                  |          |                        |              |              |                  |
| Giveout Pass            | 7025      | 36               | 9.4      | 3/27                   | 8.1          | --           | --               |
| Jenson Ranch            | 6580      | 48               | 18.7     | 3/27                   | 16.0         | Frozen       | 11.5             |

<sup>m</sup> March Measurement.



# Agencies and Organizations Cooperating in Idaho Snow Surveys

## GOVERNMENT AGENCIES

### Canada:

Department of Lands, Forests, and  
Water Resources, British Columbia  
Department of Resources and Development,  
Water Resources Division

### States:

Idaho State Department of Water Administration  
State of Idaho Department of Fish and Game  
University of Idaho  
Idaho State University  
Montana Agricultural Experiment Station  
Montana State Water Conservation Board  
Nevada Cooperative Snow Surveys  
Oregon Agricultural Experiment Station  
Oregon Cooperative Snow Surveys  
Oregon State Engineer and Corps of  
State Watermasters  
Utah Cooperative Snow Surveys  
Wyoming Cooperative Snow Surveys

### Federal:

U. S. Army Engineers  
U. S. Department of Agriculture  
Forest Service  
Agriculture Research Service  
U. S. Department of Commerce  
NOAA, National Weather Service  
U. S. Department of the Interior  
Bonneville Power Administration  
Bureau of Reclamation  
Fish and Wildlife Service  
Water Resources Division, Geological Survey  
Indian Service  
National Park Service  
Bureau of Land Management

## PUBLIC UTILITIES

The Montana Power Company  
Washington Water Power Company  
Idaho Power Company  
Utah Power and Light Company

## ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District  
Boise Project Board of Control  
Little Wood River Irrigation District  
Jordan Valley Irrigation District  
Salmon Falls Creek Irrigation Company  
Twin Falls Soil Conservation District  
Twin Lakes Irrigation Company  
Big Wood Irrigation Company  
Owyhee Project - North & South Board of Control

## PRIVATE CORPORATIONS

Amalgamated Sugar Company

*Other organizations and individuals furnish valuable information for  
snow survey reports. Their cooperation is gratefully acknowledged.*



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